SHAPE A BETTER LIFE

KINGFA

GREEN PETROCHEMISTRY: MAKE FOR PLASTIC POSSIBILITIES

High Yield, High Quality and Stable Polypropylene /PP Material

Homo-PP material grade: KF-T30S

Co-PP material grade: KF-K8003

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DEVELOPEMENT HISTORY

2011

In April,the Company was registered and established.
In November,the Phase I project officially began construction.

2019

In May, Kingfa acquired 51% euity held by Zhejiang Haiyue, and the company was renamed Ningbo Kingfa New Materials Co.,LTD. In July, Kingfa and Ningbo Economic &Technological Development Zone Management Committee signed the Ningbo Kingfa integration project investment agreement.

2020

In March, Ningbo Kingfa integration project groundbreaking ceremony.
In August,Ningbo Kingfa's registered capital increased to 3.431 billion.

2021

In March,the long-term equipment procurement and engineering construction of the integration project were fully carried out. In August,the pile foundation construction of the new PDH and PP devices began.At the end of September, the syndicated loan contract for the integration project was signed and the first loan was issued smoothly.

2022

In September,the integration project cryogenic tank and supporting projects achieved smooth delivery.
In September,the comprehensive utilization of hydrogen energy project(Phase I) officially started construction.

2023

In September,the PPI unit and the COC pilot project were put into operation.
In October, the comprehensive utilization project of hydrogen energy was put into operation.
In November, the PPII unit was put into production

2024

In February,the PDH II unit was put into production.

2025

In June, pilot tests for PP polymerization commenced.
In November, Phase I of the integrated polymerization and modification project, with a capacity of 50,000 tons per annum, was put into operation.

2026

On June 30, Phase II of the integrated polymerization project with a capacity of 100,000 tons per annum was completed and put into operation.

CORPORATE HONORS

- the National High-tech Enterprise
- Zhejiang Provincial Postdoctoral Workstation
- National-level Green Factory
- the First Batch of Five-star Green Factories in Ningbo
- Ningbo Model Group for Key Project Achievement Competition
- Ningbo Top 50 Manufacturing Enterprises
- Top 50 Taxpayers in Ningbo Manufacturing
- Specialized, Refined, Characteristic and I nnovative "Little Giant" Enterprise in Ningbo











CORPORATE OVERVIEW & QUALIFICATIONS

Established Date: April 2011
Registered capital: 472.65million U.S. dollars
Total area: about 1,133,333 ㎡
Existing employees: about 800 people
Doctor, master degree personnel: nearly 30 people
Leading talents: 3 people
Medium and senior titles: nearly 100 people
College degree or above: more than 85%

Ningbo Kingfa has passed the ISO quality, environment, occupational health and safety management system certification.
Ningbo Kingfa QHSE management system Management policy:

☐ Quality control policy

Full participation, quality first, continuous improvement,customer satisfaction

☐ Occupational Health Safety and Environmental Management Policy

Safety first, health is the core, environmental protection, sustainable development

Main Raw

Low-temperature propane

Source: All imported from abroad by cryogenic ships.



MAIN RAW & MAIN PRODUCT

Main Product

Propylene

Capacity: 1.2 million tons/year
Usage: One of the three basic raw materials of synthetic materials, mainly used in the production of polypropylene, acrylonitrile, acrylic acid, propylene oxide and so on.

Polypropylene

Capacity: 800,000 tons/year
Usage: A thermoplastic synthetic resin with excellent performance, used in food packaging, household goods, automobiles, optical fiber and other fields.

Hydrogen

Capacity :64 million Nm^3/ year
Uses: Uses: industrial hydrogen, hydrogen energy batteries and other new energy industries.

EXISTING PRODUCTION PLANT



CAPACITY ALLOCATION

The Ningbo Kingfa Polypropylene Synthesis factory has an annual production capacity of 800,000 tons of polypropylene. This capacity is mainly used to replace high-end copolymer polypropylene imports, which are primarily used in high-performance products such as automobiles. Additionally, the factory has a 300,000-ton synthetic modification integration project that aims to reshape the domestic general plastic processing mode. This project will greatly improve product power and value.

PLANNING FOR THE FUTURE

LOOK FAR AHEAD AND AIM HIGH FOR THE FUTURE, FOCUS ON JIANGSU AND ZHEJIANG, KEEP GLOBAL PERSPECTIVE

Cultivate the propane to polypropylene industry chain deeply, expand high-end polyolefin new products, and achieve high value-added utilization of hydrogen energy.

By 2030

Annual Sales	Annual Sales	High-end Products
2.1 million tons	**3.8** Bil. Dollars	**10%**

The **total project investment** is expected to be **1.45 billion U.S. dollars** ; With propane as raw material, we aim to the explore market of high-end modified plastic new material industry and the project will be implemented in two stages.

The First Stage

investment of about **833 Mil. Dollars,** the main construction :1 set of 600,000 tons/year propane dehydrogenation, 2 sets of 400,000 tons/year polypropylene and supporting public facilities. In **September and November 2023,** 2 sets of 400,000 tons/year polypropylene plants were successfully put into operation. Its annual sales are expected to reach **10 billion yuan.**

The Second Stage

The second stage: with an investment of about **625 Mil. Dollars,** a set of 600,000 tons/year propane dehydrogenation and 400,000 tons/year modified polypropylene new material production line is planned to be completed and put into operation **before the end of 2026.** By this, the annual sales a re expected to reach **2.7 Bil. Dollars.**

Green Petrochemical

Green petrochemical: The plate has become one of the core plates of Kingfa; Form **propane-propylene - polypropylene - modified new material** production chain, to achieve the whole industrial chain from the upstream basic chemical raw materials to the downstream modified new materials.

TYPICAL MATERIAL GRADE

KF-T30S®Polypropylene Homopolymer

FEATURES	APPLICATIONS
Balance of Rigidity and Toughness	Injection & Extrusion & Blow Molding
Outstanding Process Ability	Fabric Products
Long-term Thermal Stability	Films
Food Contact Acceptable	Housewares

Properties[1]	Test Standard	Test Condition	S.I. Unit	S.I.Typical Value[1,2]
MECHANICAL				
Tensile Strength	ISO 527-2	50mm/min	MPa	34
Tensile Strain at Break	ISO 527-2	50mm/min	%	50
Flexural Strength	ISO 178	2mm/min	MPa	38
Flexural Modulus	ISO 178	2mm/min	MPa	1350
Izod Notched Impact Strength	ISO 180	4.0mm,23℃	KJ/m²	4.0
THERMAL				
Temperature of Deflection Under Load	ISO 75-2	0.45MPa	℃	105
ELECTRICAL				
Volume Resistivity	IEC 60093	--	Ω·cm	10^{16}
OTHERS				
Density	ISO 1183-1	23℃	g/cm³	0.90
Melt Mass-flow Rate(MFR)	ISO 1133-1	230℃, 2.16kg	g/10min	3.0
Molding Shrinkage	KINGFA	--	%	1.4-1.8
Flammability	UL 94	1.5mm	Class	HB
		3.0mm	Class	HB

[1] These are typical values of the product's properties, and these values alone do not represent a sufficient basis for any part design and are not intended for use in establishing maximum, minimum, or ranges of values for specification purposes.
[2] The listed values are maybe different for pigmented material.

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Update: 1/31/2024

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KF-T30F® Polypropylene Homopolymer

FEATURES	APPLICATIONS
Balance of Rigidity and Toughness	Injection & extrusion & Blow Molding
Outstanding Process Ability	Fabric products
Resistant to Corona Yellowing	Films
Food Contact Acceptable	Housewares

Properties	Test Standard	Test Condition	S.I. Unit	S.I.Typical Value[1,2]
MECHANICAL				
Tensile Strength	ISO 527-2	50mm/min	MPa	34
Tensile Strain at Break	ISO 527-2	50mm/min	%	50
Flexural Strength	ISO 178	2mm/min	MPa	38
Flexural Modulus	ISO 178	2mm/min	MPa	1350
Izod Notched Impact Strength	ISO 180	4.0mm,23℃	KJ/m²	4.0
THERMAL				
Temperature of Deflection Under Load	ISO 75-2	0.45MPa	℃	105
ELECTRICAL				
Volume Resistivity	IEC 60093	--	Ω·cm	10^{16}
OTHERS				
Density	ISO 1183-1	23℃	g/cm³	0.90
Melt Mass-flow Rate(MFR)	ISO 1133-1	230℃, 2.16kg	g/10min	3.0
Molding Shrinkage	KINGFA	--	%	1.4-1.8
Flammability	UL 94	1.5mm	Class	HB
		3.0mm	Class	HB

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KF-T30H®Polypropylene Homopolymer

FEATURES	APPLICATIONS
Balance of Rigidity and Toughness	Injection & Extrusion & Blow Molding
Outstanding Process Ability	Fabric Products
Long-term Thermal Stability	Films
Food Contact Acceptable	Housewares

Properties	Test Standard	Test Condition	S.I. Unit	S.I.Typical Value[1,2]
MECHANICAL				
Tensile Strength	ISO 527-2	50mm/min	MPa	34
Tensile Strain at Break	ISO 527-2	50mm/min	%	50
Flexural Strength	ISO 178	2mm/min	MPa	38
Flexural Modulus	ISO 178	2mm/min	MPa	1350
Izod Notched Impact Strength	ISO 180	4.0mm,23℃	KJ/m²	4.0
THERMAL				
Temperature of Deflection Under Load	ISO 75-2	0.45MPa	℃	105
ELECTRICAL				
Volume Resistivity	IEC 60093	--	Ω·cm	10^{16}
OTHERS				
Density	ISO 1183-1	23℃	g/cm³	0.90
Melt Mass-flow Rate(MFR)	ISO 1133-1	230℃, 2.16kg	g/10min	4.5
Molding Shrinkage	KINGFA	--	%	1.4-1.8
Flammability	UL 94	1.5mm	Class	HB
		3.0mm	Class	HB

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KF-HP500N® Polypropylene Homopolymer

FEATURES	APPLICATIONS
High Gloss	Injection Molding
Medium Flow	Toys
Good Process Ability	Food Containers
Food Contact Acceptable	Appliance Components

Properties	Test Standard	Test Condition	S.I. Unit	S.I.Typical Value[1,2]
MECHANICAL				
Tensile Strength	ISO 527-2	50mm/min	MPa	35
Tensile Strain at Break	ISO 527-2	50mm/min	%	50
Flexural Strength	ISO 178	2mm/min	MPa	40
Flexural Modulus	ISO 178	2mm/min	MPa	1400
Izod Notched Impact Strength	ISO 180	4.0mm,23℃	KJ/m²	3.0
THERMAL				
Temperature of Deflection Under Load	ISO 75-2	0.45MPa	℃	105
ELECTRICAL				
Volume Resistivity	IEC 60093	--	Ω·cm	10^{16}
OTHERS				
Density	ISO 1183-1	23℃	g/cm³	0.90
Melt Mass-flow Rate(MFR)	ISO 1133-1	230℃, 2.16kg	g/10min	12.0
Molding Shrinkage	KINGFA	--	%	1.4-1.8
Flammability	UL 94	1.5mm	Class	HB
		3.0mm	Class	HB

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Update: 2/1/2024

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KF-HP500C ® Polypropylene Homopolymer

FEATURES	APPLICATIONS
High Gloss	Injection Molding
Medium Flow	Toys
Good Rigidity	Food Containers
Food Contact Acceptable	Appliance Components

Properties	Test Standard	Test Condition	S.I. Unit	S.I.Typical Value[1,2]
MECHANICAL				
Tensile Strength	ISO 527-2	50mm/min	MPa	38
Tensile Strain at Break	ISO 527-2	50mm/min	%	50
Flexural Strength	ISO 178	2mm/min	MPa	48
Flexural Modulus	ISO 178	2mm/min	MPa	1800
Izod Notched Impact Strength	ISO 180	4.0mm,23℃	KJ/m²	3.0
THERMAL				
Temperature of Deflection Under Load	ISO 75-2	0.45MPa	℃	125
ELECTRICAL				
Volume Resistivity	IEC 60093	--	Ω·cm	10^{16}
OTHERS				
Density	ISO 1183-1	23℃	g/cm³	0.90
Melt Mass-flow Rate(MFR)	ISO 1133-1	230℃, 2.16kg	g/10min	12.0
Molding Shrinkage	KINGFA	--	%	1.4-1.8
Flammability	UL 94	1.5mm	Class	HB
		3.0mm	Class	HB

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KF-HP500P ® Polypropylene Homopolymer

FEATURES	APPLICATIONS
High Gloss	Injection Molding
Medium-high Fluidity	Kitchen Appliances
Good Process Ability	Containers
Food Contact Acceptable	Household Articles

Properties	Test Standard	Test Condition	S.I. Unit	S.I.Typical Value[1,2]
MECHANICAL				
Tensile Strength	ISO 527-2	50mm/min	MPa	34
Tensile Strain at Break	ISO 527-2	50mm/min	%	50
Flexural Strength	ISO 178	2mm/min	MPa	40
Flexural Modulus	ISO 178	2mm/min	MPa	1400
Izod Notched Impact Strength	ISO 180	4.0mm,23℃	KJ/m²	3.0
THERMAL				
Temperature of Deflection Under Load	ISO 75-2	0.45MPa	℃	105
ELECTRICAL				
Volume Resistivity	IEC 60093	--	Ω·cm	10^{16}
OTHERS				
Density	ISO 1183-1	23℃	g/cm³	0.90
Melt Mass-flow Rate(MFR)	ISO 1133-1	230℃, 2.16kg	g/10min	17.0
Molding Shrinkage	KINGFA	--	%	1.4-1.8
Flammability	UL 94	1.5mm	Class	HB
		3.0mm	Class	HB

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KF-HM18C® Polypropylene Homopolymer

FEATURES	APPLICATIONS
High Gloss	Injection Molding
Medium Flow	Toys
Good Rigidity	Appliance Components
Food Contact Acceptable	Food Containers

Properties	Test Standard	Test Condition	S.I. Unit	S.I.Typical Value[1,2]
MECHANICAL				
Tensile Strength	ISO 527-2	50mm/min	MPa	38
Tensile Strain at Break	ISO 527-2	50mm/min	%	50
Flexural Strength	ISO 178	2mm/min	MPa	48
Flexural Modulus	ISO 178	2mm/min	MPa	1800
Izod Notched Impact Strength	ISO 180	4.0mm,23℃	KJ/m²	3.0
THERMAL				
Temperature of Deflection Under Load	ISO 75-2	0.45MPa	℃	125
ELECTRICAL				
Volume Resistivity	IEC 60093	--	Ω·cm	10^{16}
OTHERS				
Density	ISO 1183-1	23℃	g/cm³	0.90
Melt Mass-flow Rate(MFR)	ISO 1133-1	230℃, 2.16kg	g/10min	18.0
Molding Shrinkage	KINGFA	--	%	1.4-1.8
Flammability	UL 94	1.5mm	Class	HB
		3.0mm	Class	HB

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KF-Z30S® Polypropylene Homopolymer

FEATURES	APPLICATIONS
High Gloss	Injection Molding
Outstanding Process Ability	BCF and Staple Fibers & Non-woven Fabrics
High Stretch Ratio	Tenacity Continuous Filament
Food Contact Acceptable	Household Appliance

Properties	Test Standard	Test Condition	S.I. Unit	S.I.Typical Value[1,2]
MECHANICAL				
Tensile Strength	ISO 527-2	50mm/min	MPa	35
Tensile Strain at Break	ISO 527-2	50mm/min	%	30
Flexural Strength	ISO 178	2mm/min	MPa	40
Flexural Modulus	ISO 178	2mm/min	MPa	1400
Izod Notched Impact Strength	ISO 180	4.0mm,23℃	KJ/m²	2.5
THERMAL				
Temperature of Deflection Under Load	ISO 75-2	0.45MPa	℃	110
ELECTRICAL				
Volume Resistivity	IEC 60093	--	Ω·cm	10^{16}
OTHERS				
Density	ISO 1183-1	23℃	g/cm³	0.90
Melt Mass-flow Rate(MFR)	ISO 1133-1	230℃, 2.16kg	g/10min	28.0
Molding Shrinkage	KINGFA	--	%	1.4-1.8
Flammability	UL 94	1.5mm	Class	HB
		3.0mm	Class	HB

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KF-M70T® Polypropylene Homopolymer

FEATURES	APPLICATIONS
High Flow	Injection Molding
Excellent Heat Resistance	Thin-walled Products
High Rigidity	Food Containers
Food Contact Acceptable	Electronic and Electrical Components

Properties	Test Standard	Test Condition	S.I. Unit	S.I.Typical Value[1,2]
MECHANICAL				
Tensile Strength	ISO 527-2	50mm/min	MPa	38
Tensile Strain at Break	ISO 527-2	50mm/min	%	20
Flexural Strength	ISO 178	2mm/min	MPa	50
Flexural Modulus	ISO 178	2mm/min	MPa	1800
Izod Notched Impact Strength	ISO 180	4.0mm,23℃	KJ/m²	2.5
THERMAL				
Temperature of Deflection Under Load	ISO 75-2	0.45MPa	℃	120
ELECTRICAL				
Volume Resistivity	IEC 60093	--	Ω·cm	10^{16}
OTHERS				
Density	ISO 1183-1	23℃	g/cm³	0.90
Melt Mass-flow Rate(MFR)	ISO 1133-1	230℃, 2.16kg	g/10min	70.0
Molding Shrinkage	KINGFA	--	%	1.4-1.8
Flammability	UL 94	1.5mm	Class	HB
		3.0mm	Class	HB

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KF-K8003® Polypropylene Impact Copolymer

FEATURES	APPLICATIONS
High Impact Resistance	Injection & Blow Molding
Balance of Rigidity and Toughness	Rigid Packaging
High Melt Strength	Tools

Properties	Test Standard	Test Condition	S.I. Unit	S.I.Typical Value[1,2]
MECHANICAL				
Tensile Strength	ISO 527-2	50mm/min	MPa	24
Tensile Strain at Break	ISO 527-2	50mm/min	%	≥100
Flexural Strength	ISO 178	2mm/min	MPa	29
Flexural Modulus	ISO 178	2mm/min	MPa	1000
Izod Notched Impact Strength	ISO 180	4.0mm,23℃	KJ/m²	50
THERMAL				
Temperature of Deflection Under Load	ISO 75-2	0.45MPa	℃	90
ELECTRICAL				
Volume Resistivity	IEC 60093	--	Ω·cm	10^{16}
OTHERS				
Density	ISO 1183-1	23℃	g/cm³	0.90
Melt Mass-flow Rate(MFR)	ISO 1133-1	230℃, 2.16kg	g/10min	2.5
Molding Shrinkage	KINGFA	--	%	1.4-1.8
Flammability	UL 94	1.5mm	Class	HB
		3.0mm		HB

[1] These are typical values of the product's properties, and these values alone do not represent a sufficient basis for any part design and are not intended for use in establishing maximum, minimum, or ranges of values for specification purposes.
[2] The listed values are maybe different for pigmented material.

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KF-EP300M® Polypropylene Impact Copolymer

FEATURES	APPLICATIONS
Medium Impact Resistance	Injection Molding
High Gloss	Appliance Components
Good Process Ability	Automotive Applications
Food Contact Acceptable	Household Goods

Properties	Test Standard	Test Condition	S.I. Unit	S.I.Typical Value[1,2]
MECHANICAL				
Tensile Strength	ISO 527-2	50mm/min	MPa	25
Tensile Strain at Break	ISO 527-2	50mm/min	%	50
Flexural Strength	ISO 178	2mm/min	MPa	32
Flexural Modulus	ISO 178	2mm/min	MPa	1200
Izod Notched Impact Strength	ISO 180	4.0mm,23℃	KJ/m²	15
THERMAL				
Temperature of Deflection Under Load	ISO 75-2	0.45MPa	℃	95
ELECTRICAL				
Volume Resistivity	IEC 60093	--	Ω·cm	10^{16}
OTHERS				
Density	ISO 1183-1	23℃	g/cm³	0.90
Melt Mass-flow Rate(MFR)	ISO 1133-1	230℃, 2.16kg	g/10min	9
Molding Shrinkage	KINGFA	--	%	1.4-1.8
Flammability	UL 94	1.5mm	Class	HB
		3.0mm	Class	HB

[1] These are typical values of the product's properties, and these values alone do not represent a sufficient basis for any part design and are not intended for use in establishing maximum, minimum, or ranges of values for specification purposes.
[2] The listed values are maybe different for pigmented material.

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Update: 2/15/2024

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KF-SP179® Polypropylene Impact Copolymer

FEATURES	APPLICATIONS
High Impact Resistance	Injection Molding
Good fluidity	Automotive Applications
Good Process Ability	Modified Components
Food Contact Acceptable	Tool box

Properties	Test Standard	Test Condition	S.I. Unit	S.I.Typical Value[1,2]
MECHANICAL				
Tensile Strength	ISO 527-2	50mm/min	MPa	20
Tensile Strain at Break	ISO 527-2	50mm/min	%	≥100
Flexural Strength	ISO 178	2mm/min	MPa	28
Flexural Modulus	ISO 178	2mm/min	MPa	1000
Izod Notched Impact Strength	ISO 180	4.0mm,23℃	KJ/m²	50
THERMAL				
Temperature of Deflection Under Load	ISO 75-2	0.45MPa	℃	80
ELECTRICAL				
Volume Resistivity	IEC 60093	--	Ω·cm	10^{16}
OTHERS				
Density	ISO 1183-1	23℃	g/cm³	0.90
Melt Mass-flow Rate(MFR)	ISO 1133-1	230℃, 2.16kg	g/10min	10
Molding Shrinkage	KINGFA	--	%	1.2-1.4
Flammability	UL 94	1.5mm	Class	HB
		3.0mm	Class	HB

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KF-EP548R® Polypropylene Impact Copolymer

FEATURES	APPLICATIONS
Medium Impact Resistance	Injection Molding
High Gloss	Parts With Faster Injection Cycle
High Flow	Thin Gauge Products
Food Contact Acceptable	Household Goods

Properties	Test Standard	Test Condition	S.I. Unit	S.I.Typical Value[1,2]
MECHANICAL				
Tensile Strength	ISO 527-2	50mm/min	MPa	24
Tensile Strain at Break	ISO 527-2	50mm/min	%	50
Flexural Strength	ISO 178	2mm/min	MPa	32
Flexural Modulus	ISO 178	2mm/min	MPa	1200
Izod Notched Impact Strength	ISO 180	4.0mm,23℃	KJ/m²	12
THERMAL				
Temperature of Deflection Under Load	ISO 75-2	0.45MPa	℃	95
ELECTRICAL				
Volume Resistivity	IEC 60093	--	Ω·cm	10^{16}
OTHERS				
Density	ISO 1183-1	23℃	g/cm³	0.90
Melt Mass-flow Rate(MFR)	ISO 1133-1	230℃, 2.16kg	g/10min	28.0
Molding Shrinkage	KINGFA	--	%	1.4-1.8
Flammability	UL 94	1.5mm	Class	HB
		3.0mm	Class	HB

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KF-BM601C® Polypropylene Impact Copolymer

FEATURES	APPLICATIONS
Medium Impact Resistance	Injection Molding
High Gloss	Parts With Faster Injection Cycle
High Flow	Thin Gauge Products
High Heat Resistance	Automotive Applications

Properties	Test Standard	Test Condition	S.I. Unit	S.I.Typical Value[1,2]
MECHANICAL				
Tensile Strength	ISO 527-2	50mm/min	MPa	30
Tensile Strain at Break	ISO 527-2	50mm/min	%	50
Flexural Strength	ISO 178	2mm/min	MPa	42
Flexural Modulus	ISO 178	2mm/min	MPa	1600
Izod Notched Impact Strength	ISO 180	4.0mm,23℃	KJ/m²	6
THERMAL				
Temperature of Deflection Under Load	ISO 75-2	0.45MPa	℃	120
ELECTRICAL				
Volume Resistivity	IEC 60093	--	Ω·cm	10^{16}
OTHERS				
Density	ISO 1183-1	23℃	g/cm³	0.90
Melt Mass-flow Rate(MFR)	ISO 1133-1	230℃, 2.16kg	g/10min	60
Molding Shrinkage	KINGFA	--	%	1.4-1.8
Flammability	UL 94	1.5mm	Class	HB
		3.0mm	Class	HB

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Update: 2/22/2024

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KF-BM801C® Polypropylene Impact Copolymer

FEATURES	APPLICATIONS
Medium Impact Resistance	Injection Molding
High Gloss	Parts With Faster Injection Cycle
High Flow	Thin Gauge Products
High Heat Resistance	Automotive Applications

Properties	Test Standard	Test Condition	S.I. Unit	S.I.Typical Value[1,2]
MECHANICAL				
Tensile Strength	ISO 527-2	50mm/min	MPa	30
Tensile Strain at Break	ISO 527-2	50mm/min	%	50
Flexural Strength	ISO 178	2mm/min	MPa	42
Flexural Modulus	ISO 178	2mm/min	MPa	1600
Izod Notched Impact Strength	ISO 180	4.0mm,23℃	KJ/m²	5.5
THERMAL				
Temperature of Deflection Under Load	ISO 75-2	0.45MPa	℃	120
ELECTRICAL				
Volume Resistivity	IEC 60093	--	Ω·cm	10^{16}
OTHERS				
Density	ISO 1183-1	23℃	g/cm³	0.90
Melt Mass-flow Rate(MFR)	ISO 1133-1	230℃, 2.16kg	g/10min	80
Molding Shrinkage	KINGFA	--	%	1.3-1.6
Flammability	UL 94	1.5mm	Class	HB
		3.0mm	Class	HB

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Update: 4/10/2024

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KF-BM901C® Polypropylene Impact Copolymer

FEATURES	APPLICATIONS
Medium Impact Resistance	Injection Molding
High Gloss	Parts With Faster Injection Cycle
High Flow	Thin Gauge Products
High Heat Resistance	Automotive Applications

Properties	Test Standard	Test Condition	S.I. Unit	S.I.Typical Value[1,2]
MECHANICAL				
Tensile Strength	ISO 527-2	50mm/min	MPa	30
Tensile Strain at Break	ISO 527-2	50mm/min	%	50
Flexural Strength	ISO 178	2mm/min	MPa	38
Flexural Modulus	ISO 178	2mm/min	MPa	1600
Izod Notched Impact Strength	ISO 180	4.0mm,23℃	KJ/m²	5
THERMAL				
Temperature of Deflection Under Load	ISO 75-2	0.45MPa	℃	115
ELECTRICAL				
Volume Resistivity	IEC 60093	--	Ω·cm	10^{16}
OTHERS				
Density	ISO 1183-1	23℃	g/cm³	0.90
Melt Mass-flow Rate(MFR)	ISO 1133-1	230℃, 2.16kg	g/10min	100
Molding Shrinkage	KINGFA	--	%	1.4-1.8
Flammability	UL 94	1.5mm	Class	HB
		3.0mm	Class	HB

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Update: 2/26/2024

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产品资料

KINGFA® 金发

Klarity 1008U

Ultra-clear PP, Medium MFR

FEATURES

- Excellent transparency
- Good processability
- Medium Impact Resistance
- Food Contact Acceptable

APPLICATIONS

- Injection molding
- Household appliance
- Cosmetic Packages
- Toys

性　能[1] Properties	测试标准 Test Standard	测试条件 Test Condition	国际单位 S.I. Unit	典型值 S.I.[1,2] Typical Value
MECHANICAL				
拉伸强度 Tensile Strength	ISO 527-2	50mm/min	MPa	28
弯曲强度 Flexural Strength	ISO 178	2mm/min	MPa	31
弯曲模量 Flexural Modulus	ISO 178	2mm/min	MPa	1020
简支梁缺口冲击强度 Charpy Notched Impact Strength	ISO 179	4.0mm, 23℃	kJ/m^2	7.5
THERMAL				
负荷变形温度 Temperature of Deflection Under Load	ISO 75-2	0.45MPa	℃	87
ELECTRICAL				
体积电阻率 Volume Resistivity	IEC 60093	--	Ω·cm	10^{16}
OTHERS				
雾度 Haze	ASTM D 1003	230℃，1mm	-	1.9
密度 Density	ISO 1183-1	23℃	g/cm^3	0.90
熔体质量流动速率 Melt Mass-flow Rate(MFR)	ISO 1133-1	230℃, 2.16kg	g/10min	8
模塑收缩率 Molding Shrinkage	KINGFA	--	%	1.4-1.8
阻燃等级 Flammability	UL 94	1.5mm	Class	HB
		3.0mm	Class	HB

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产品资料

KINGFA® 金发

Klarity 1030U

Ultra-clear PP, High MFR

FEATURES

- Excellent transparency
- Good processability
- Medium Impact Resistance
- Food Contact Acceptable

APPLICATIONS

- Injection molding
- Household appliance
- Cosmetic Packages
- Toys

性　能[1] Properties	测试标准 Test Standard	测试条件 Test Condition	国际单位 S.I. Unit	典型值 S.I.[1,2] Typical Value
MECHANICAL				
拉伸强度 Tensile Strength	ISO 527-2	50mm/min	MPa	26
弯曲强度 Flexural Strength	ISO 178	2mm/min	MPa	30
弯曲模量 Flexural Modulus	ISO 178	2mm/min	MPa	1030
简支梁缺口冲击强度 Charpy Notched Impact Strength	ISO 179	4.0mm, 23℃	kJ/m^2	6
THERMAL				
负荷变形温度 Temperature of Deflection Under Load	ISO 75-2	0.45MPa	℃	73
ELECTRICAL				
体积电阻率 Volume Resistivity	IEC 60093	--	Ω·cm	10^{16}
OTHERS				
雾度 Haze	ASTM D 1003	230℃，1mm	-	1.8
密度 Density	ISO 1183-1	23℃	g/cm^3	0.90
熔体质量流动速率 Melt Mass-flow Rate(MFR)	ISO 1133-1	230℃, 2.16kg	g/10min	28
模塑收缩率 Molding Shrinkage	KINGFA	--	%	1.4-1.8
阻燃等级 Flammability	UL 94	1.5mm	Class	HB
		3.0mm	Class	HB

[1] These are typical values of the product's properties, and these values alone do not represent a sufficient basis for any part design and are not intended for use in establishing maximum, minimum, or ranges of values for specification purposes.
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产品资料

KINGFA® 金发

Klarity 2030P

Ultra-clear PP, High Stiffness

FEATURES

- High Gloss
- High toughness
- Medium Flow
- Food Contact Acceptable

APPLICATIONS

- Injection Molding
- Food Containers
- Cosmetic Packages
- Stationery and Office supplies

性　能[1] Properties	测试标准 Test Standard	测试条件 Test Condition	国际单位 S.I. Unit	典型值 S.I.[1,2] Typical Value
MECHANICAL				
拉伸强度 Tensile Strength	ISO 527-2	50mm/min	MPa	41
弯曲强度 Flexural Strength	ISO 178	2mm/min	MPa	56
弯曲模量 Flexural Modulus	ISO 178	2mm/min	MPa	2070
简支梁缺口冲击强度 Charpy Notched Impact Strength	ISO 179	4.0mm, 23℃	kJ/m^2	2
THERMAL				
负荷变形温度 Temperature of Deflection Under Load	ISO 75-2	0.45MPa	℃	110
ELECTRICAL				
体积电阻率 Volume Resistivity	IEC 60093	--	Ω·cm	10^{16}
OTHERS				
雾度 Haze	ASTM D 1003	230℃，1mm	-	2.8
密度 Density	ISO 1183-1	23℃	g/cm^3	0.90
熔体质量流动速率 Melt Mass-flow Rate(MFR)	ISO 1133-1	230℃, 2.16kg	g/10min	30
模塑收缩率 Molding Shrinkage	KINGFA	--	%	1.4-1.8
阻燃等级 Flammability	UL 94	1.5mm	Class	HB
		3.0mm	Class	HB

[1] These are typical values of the product's properties, and these values alone do not represent a sufficient basis for any part design and are not intended for use in establishing maximum, minimum, or ranges of values for specification purposes.
[2] The listed values are maybe different for pigmented material.

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Typical Processing Conditions

		OPTIMUM	RANGE
Melt Temp		210℃	190-245℃
Barrel Zone Temp	Rear	190℃	180-210℃
	Center	210℃	190-230℃
	Front	210℃	200-240℃
Mold Temp		50℃	30~60℃
Processing Temp. Upper Limit		260℃	
Injection Speed		Moderate to high	

The parameter is just for referential purpose only. In actual processing, the parameter should be adjusted by construction of mold, shape and size of product, and so on.

SAFETY AND HANDLING CONSIDERATIONS

Material safety data sheets (MSDS) for resins are available from Kingfa Sci. & Tech. Co. Ltd. and its subsidiaries. MSDS sheets are provided to help customers satisfy their own handling, safety, disposal needs, and those that may be required by locally applicable health and safety regulations. The following comments are general and applied only to resins as supplied. Various additives and processing aids used in fabrication and other materials used in finishing steps have their own safe use profile and must be investigated separately. These resins have a very low degree of toxicity under normal conditions of use and should pose no unusual problems from ingestion, eye, or skin contact. However, caution is advised when handling, storing, using, or disposing of these resins. Good housekeeping and controlling of dusts are necessary for safe handling of product. Workers should be protected from the possibility of contact with molten resin during fabrication. Handling and fabrication of plastic resins can result in the generation of vapors and dusts. Dusts resulting from sawing, filing, and sanding of plastic parts in post-molding operations may cause irritation to eyes and the upper respiratory tract. In dusty atmospheres, using an approved dust respirator is recommended

Good general ventilation of the polymer processing area is recommended. Processing may release fumes which may include polymer fragments and other decomposition products. Fumes can be irritating. At temperatures exceeding melt temperature, polymer fragments can occur. Good general ventilation should be sufficient for most conditions. Local exhaust ventilation may be necessary for some operations.Use chemical splash goggles if there is a potential for exposure to particles which could cause injury to the eye. Use gloves with insulation for thermal protection.
Color change of the product may be caused by UV exposure in general. So it is recommended that storage should keep in dry, cool place and avoid direct sunlight
We encourage customers and potential users of our products to review their applications for such products from the standpoint of human health and environmental quality. To help ensure that our products are not used in ways for which they were not intended or tested, our personnel will assist customers in dealing with ecological and product safety considerations. Your sales representative can arrange the proper contacts.

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MATERIAL SAFETY DATA SHEET

Homo-polypropylene

Version 2.0 Update:3/11/2024

01-CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name		Polypropylene Homopolymer
Applicable brand		KF-T30S、KF-T30F、KF-T30H、KF-HP500N、KF-HP500C、KF-HP500P、KF-HM18C、KF-Z30S、KF-M70T
Supplier	Name	NINGBO KINGFA ADVANCED MATERIALS.CO.,LTD
	Address	No.168 Hongyuan Road, Qingshi Chemical Park, Beilun District, Ningbo City, Zhejiang Province, China, 315807
	Telephone/fax number	+86-0574-86235590/+86-0574-86235338
Emergency telephone number		+86-0574-86235336

02-HAZARDS IDENTIFICATION

GHS label element	None
Hazards effect on human health and environment	Does not present any specific hazards if handled in the instruction of proposed use.
Physical and chemical hazards	Dust can form explosive mixture with air.At high temperature of thermal decomposition giving flammable and harmful products, f ormation of toxic products through combustion.
Specific hazards	None

03-COMPOSITION/INFORMATION ON INGREDIENTS

Polypropylene resin	99%-100%	CAS: 9003-07-0
Processing additives	0-1%	
Hazardous ingredients	None	

04-FIRST AID MEASURE

Eye contact	Not specifically applicable. In case of contact with molten product, cool eyes rapidly with plenty of cold water after contact with molten product and seek medical advice seek medical advice immediately.
Skin contact	Not specifically applicable. In case of contact with molten product when processing or use, rinse rapidly with plenty of cold water and seek medical advice immediately, as molten product may cause thermal burn. Do not pull solidified product away from skin or do not remove clothing.
Ingestion	Not specifically applicable. If vomiting occurs, lower the head to ease vomiting and seek medical advice immediately.
Inhalation	Not specifically applicable In case of contact with vapors due to over-heating and combustion, move to fresh air, oxygen or artificial respiration provided if needed.

05-FIRE-FIGHTING MEASURES

Fire-fighting instructions	Keep people away, isolate fire area and deny unnecessary entry Cool surroundings with water to localize fire zone. Hand held carbon dioxide or dry chemical water to cool and prevent re-ignition.
Protection of fire-fighter	Fire mask, self-contained breathing apparatus and wear protective clothing, etc.
Suitable distinguishing media	Extinguishing agents as water, dry powder, Carbon dioxide, etc.
Not suitable distinguishing media	None
Specific hazards	Extended inhalation of such above is hazardous, according to Section 10.

06-ACCIDENTAL RELEASE MEASURES

Personal precaution	Do not breathe vapors/dust. Sweep up to prevent hazard slipping.
Environmental protection	Do not release into the environment. Do not let the product enter into drains.
Clean-up methods	Recover the product. Recycle or incinerate at an approved waste disposal site.

07-HANDLING AND STORAGE

Handling	Follow instructions on label and processing guide.Prevent from fire around handling area. Avoid accumulation of static charges during transfers in metallic systems, and wear a mask to avoid dust formation.Provide adequate ventilation properly.Dust explosion when secondary processing.
Storage	Keep the product at a cool dry and ventilated place, heat and fire are inhibited around storage area.Protect from direct sunlight, rain and violent temperature fluctuation.

08-EXPOSURE CONTROLS AND PERSONAL PROTECTION

Engineering controls	When processing, general or local exhaust ventilation systems in the work place is recommended to control the concentration of vapors and fumes below exposure limits. As condensed processingvapors and fume may cause inhalation hazards and a fire and toxic hazards. Ensure ventilation of work areas and extraction of dust or vapors likely to be given off during conversion operations.
Exposure limits	Not determined
Personal protection equipmen	
Eye/face protection	Wear safety glasses for general purpose. Wear chemical goggles for cleaning molding machines.
Hand protection	Wear protective gloves when necessary
Skin and body protection	Wear protective clothing (product handled in molten state).
Respiratory protection	In case of dust formation, wear a dust mask.In case of insufficient ventilation, wear suitable respiratory equipment.

09-PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Solid (pellets)
Colour	Nature or customer designated
Odour	None to slightly
Melting point/range	165℃
Decomposition temperature	>260℃
Specific gravity	0.9 ± 0.01g/cm³
Solubility in water	Insoluble

10-STABILITY AND REACTIVITY

Chemical stability	Stable at normal use and storage condition
Conditions to avoid	None under the normal condition of handling, use and storage
Hazardous decomposition products	Carbon monoxide, hydrocarbons and carbon dioxide, etc.

11-TOXICOLOGICAL INFORMATION

Based on our experience and information available, no adverse health effects as expected of handled as recommended with suitable precautions for designed use.

If necessary, contact emergency number shown in Section 1.

12-ECOLOGICAL INFORMATION

Ecotoxity	The product is water insoluble.No adverse hazardous effect on plants, animals or microorganisms. Do not allow to be released into the environment.To inhibit disposal of the waste to the ocean and water sources.To avoid being taken by ocean species or birds.
Persistence potential	Persisting

13-DISPOSAL CONSIDERATIONS

Recycle is better than disposal.

Disposal as controlled incineration or landfill is to be in accordance with local, state or national laws and regulations concerning health and pollution.

14-TRANSPORTATION INFORMATION

ADR/RID	Not regulated
AND/ADNR	Not regulated
IMDG	Not regulated
IATA	Not regulated

Consult KINGFA's safety department for any further information.

15-REGULATIONARY INFORMATION

Not subject to label regulation.

SAFETY DATA SHEETS	ISO 11014:2009(E)

16-OTHER INFORMATION

Use	
Recommended	Injection or extrusion.
Prohibited	For special application as in medicine, surgery, or the food etc. Obtain further information from the supplier.

The information contained in this MSDS is accurate and true based on our current knowledge at the time of publishing, and may be subject to revision without informing in advance as new knowledge become available, with the only purpose of providing as safe as possible during intended use, handling, transportation, and storage of the product. However this will not constitute a guarantee for any specific products features and should not establish a legally valid contractual relationship. The attention of the users is drawn to the possible risks incurred by using the product for any other purposes other than that for which it was intended. It is the sole responsibility of the users to take all precautions required in handling the product.

MSDS prepared by:	NINGBO KINGFA ADVANCED MATERIALS.CO.,LTD
TEL:	+86-0574-86235590/+86-0574-86235338

MATERIAL SAFETY DATA SHEET

Co-polypropylene

Version 2.0 Update:2/21/2024

01-CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name		Polypropylene Impact Copolymer
Applicable brand		KF-K8003、KF-EP300M、KF-SP179、KF-EP548R、KF-BM601C、 KF-BM801C、KF-BM901C
Supplier	Name	NINGBO KINGFA ADVANCED MATERIALS.CO.,LTD
	Address	No.168 Hongyuan Road, Qingshi Chemical Park, Beilun District, Ningbo City, Zhejiang Province, China, 315807
	Telephone/fax number	+86-0574-86235590/+86-0574-86235338
Emergency telephone number		+86-0574-86235336

02-HAZARDS IDENTIFICATION

GHS label element	None
Hazards effect on human health and environment	Does not present any specific hazards if handled in the instruction of proposed use.
Physical and chemical hazards	Dust can form explosive mixture with air. At high temperature of thermal decomposition giving flammable and harmful products, formation of toxic products through combustion.
Specific hazards	None

03-COMPOSITION/INFORMATION ON INGREDIENTS

Polypropylene resin	99%-100%	CAS: 9010-79-1
Processing additives	0-1%	
Hazardous ingredients	None	

04-FIRST AID MEASURE

Eye contact	Not specifically applicable. In case of contact with molten product, cool eyes rapidly with plenty of cold water after contact with molten product and seek medical advice seek medical advice immediately.
Skin contact	Not specifically applicable. In case of contact with molten product when processing or use, rinse rapidly with plenty of cold water and seek medical advice immediately, as molten product may cause thermal burn. Do not pull solidified product away from skin or do not remove clothing.
Ingestion	Not specifically applicable. If vomiting occurs, lower the head to ease vomiting and seek medical advice immediately.
Inhalation	Not specifically applicable In case of contact with vapors due to over-heating and combustion, move to fresh air, oxygen or artificial respiration provided if needed.

05-FIRE-FIGHTING MEASURES

Fire-fighting instructions	Keep people away, isolate fire area and deny unnecessary entry Cool surroundings with water to localize fire zone. Hand held carbon dioxide or dry chemical water to cool and prevent re-ignition.
Protection of fire-fighter	Fire mask, self-contained breathing apparatus and wear protective clothing, etc.
Suitable distinguishing media	Extinguishing agents as water, dry powder, Carbon dioxide, etc.
Not suitable distinguishing media	None
Specific hazards	Extended inhalation of such above is hazardous, according to Section 10.

06-ACCIDENTAL RELEASE MEASURES

Personal precaution	Do not breathe vapors/dust. Sweep up to prevent hazard slipping.
Environmental protection	Do not release into the environment. Do not let the product enter into drains.
Clean-up methods	Recover the product. Recycle or incinerate at an approved waste disposal site.

07-HANDLING AND STORAGE

Handling	Follow instructions on label and processing guide.Prevent from fire around handling area. Avoid accumulation of static charges during transfers in metallic systems, and wear a mask to avoid dust formation.Provide adequate ventilation properly.Dust explosion when secondary processing.
Storage	Keep the product at a cool dry and ventilated place, heat and fire are inhibited around storage area.Protect from direct sunlight, rain and violent temperature fluctuation.

08-EXPOSURE CONTROLS AND PERSONAL PROTECTION

Engineering controls	When processing, general or local exhaust ventilation systems in the work place is recommended to control the concentration of vapors and fumes below exposure limits. As condensed processingvapors and fume may cause inhalation hazards and a fire and toxic hazards. Ensure ventilation of work areas and extraction of dust or vapors likely to be given off during conversion operations.
Exposure limits	Not determined
Personal protection equipmen	
Eye/face protection	Wear safety glasses for general purpose. Wear chemical goggles for cleaning molding machines.
Hand protection	Wear protective gloves when necessary
Skin and body protection	Wear protective clothing (product handled in molten state).
Respiratory protection	In case of dust formation, wear a dust mask.In case of insufficient ventilation, wear suitable respiratory equipment.

09-PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Solid (pellets)
Colour	Nature or customer designated
Odour	None to slightly
Melting point/range	165℃
Decomposition temperature	>260℃
Specific gravity	0.9 ± 0.01g/cm³
Solubility in water	Insoluble

10-STABILITY AND REACTIVITY

Chemical stability	Stable at normal use and storage condition
Conditions to avoid	None under the normal condition of handling, use and storage
Hazardous decomposition products	Carbon monoxide, hydrocarbons and carbon dioxide, etc.

11-TOXICOLOGICAL INFORMATION

Based on our experience and information available, no adverse health effects as expected of handled as recommended with suitable precautions for designed use.

If necessary, contact emergency number shown in Section 1.

12-ECOLOGICAL INFORMATION

Ecotoxity	The product is water insoluble.No adverse hazardous effect on plants, animals or microorganisms. Do not allow to be released into the environment.To inhibit disposal of the waste to the ocean and water sources.To avoid being taken by ocean species or birds.
Persistence potential	Persisting

13-DISPOSAL CONSIDERATIONS

Recycle is better than disposal.

Disposal as controlled incineration or landfill is to be in accordance with local, state or national laws and regulations concerning health and pollution.

14-TRANSPORTATION INFORMATION

ADR/RID	Not regulated
AND/ADNR	Not regulated
IMDG	Not regulated
IATA	Not regulated

Consult KINGFA's safety department for any further information.

15-REGULATIONARY INFORMATION

Not subject to label regulation.

SAFETY DATA SHEETS	ISO 11014:2009(E)

16-OTHER INFORMATION

Use	
Recommended	Injection or extrusion.
Prohibited	For special application as in medicine, surgery, or the food etc. Obtain further information from the supplier.

The information contained in this MSDS is accurate and true based on our current knowledge at the time of publishing, and may be subject to revision without informing in advance as new knowledge become available, with the only purpose of providing as safe as possible during intended use, handling, transportation, and storage of the product. However this will not constitute a guarantee for any specific products features and should not establish a legally valid contractual relationship. The attention of the users is drawn to the possible risks incurred by using the product for any other purposes other than that for which it was intended. It is the sole responsibility of the users to take all precautions required in handling the product.

MSDS prepared by: NINGBO KINGFA ADVANCED MATERIALS.CO.,LTD

TEL: +86-0574-86235590/+86-0574-86235338

COMPANY PROFILE OF KINGFA SCI. & TECH. CO., LTD.

Founded in 1993, Kingfa Sci. & Tech. Co., Ltd. is an advanced material enterprise focusing on the R&D, production, sales and service of advanced high-performance chemical materials, and providing advanced material solutions for creating a safer, more comfortable and more convenient life. Kingfa is committed to solving the increasingly severe environmental problems, actively responding to the challenges brought about by the changes in the global environment, and promoting the continuous improvement of living environment by balancing economic, environmental and social relations to achieve sustainable development and create a better life.

Based in Guangzhou Science City, Kingfa has established 64 subsidiaries across the world, and founded R&D and production bases in overseas regions including South Asia, North America, and Europe. The products of Kingfa mainly rely on independent innovation and development, covering eight categories with independent intellectual property rights including modified plastics, eco-friendly high-performance recycled plastics, fully biodegradable plastics, specialty engineering plastics, carbon fiber and composite materials, light hydrocarbon and hydrogen energy, polypropylene resin, styrene resins, medical and healthcare polymer materials, which are widely used in various industries including automobiles, household appliances, electrical and electronic components, communications, new infrastructure, new energy, modern agriculture, modern logistics, rail transit, aerospace, high-end equipment, medical and healthcare industries, establishing strategic partnership with numerous well-known enterprises around the world.

At present, Kingfa is one of the companies with the most complete product categories in global advanced chemical material industry. Kingfa is the largest modified plastics production company in the Asia-Pacific region with the most complete product range. For complete biodegradable plastics, specialty engineering plastics, carbon fiber and composite materials, Kingfa's technology and product quality has reached the international advanced level. Currently, the company has developed advanced polymer materials as its core business. It has also established collaborative innovation, production, service, and application processes with upstream and downstream industrial chain to formed four major business segments of modified plastics, advanced materials,

green petrochemicals, and medical and health polymer materials. Relying on the international marketing service network, excellent operation system and collaborative innovation across the industrial chain, Kingfa will continue to invest in technological innovation to ensure the high-quality development.

Products are the foundation of market competition. In order to ensure the continuous innovation of products, with the R&D concept of "independent innovation, leading technology, and product superiority", relying on the support of National Recognized Enterprise Technology Center, National Engineering Laboratory, State Key Laboratory, and National Industrial Innovation Center, Kingfa has established the strategic "13551" R&D system, gradually forming a R&D platform driven by technology research, industry research, and product research.

Kingfa continued to invest about 4% of its revenue in research and development. In 2024, Kingfa R&D expenses reached2.49billion yuan. The company adheres to the concept of "common endeavor, common growth, and common prosperity", and continues to innovate and improve the talent incentive mechanism to adapt to different stages of enterprise development. The value sharing concept has attracted a large number of outstanding talents. At present, the R&D team consists of 211 engineers with Ph.D. degree and 1364 engineers with master degree, and has independently trained 2 key candidates for academicians of the Chinese Academy of Engineering and Chinese Academy of Engineering in Guangdong Province and 6 experts with special allowance from the State Council.

Kingfa has accumulatively applied for 6813 domestic and foreign patents in total, including 4966 invention patents,829 utility models, 37 appearance designs, 638 PCT patents and 343 foreign patents. The company has won 4 national scientific and technological progress second prizes, 20 scientific and technological progress awards at provincial and ministerial level, and 19 China Patent Awards (Excellent Award).

Kingfa adheres to the strategic thinking of " strengthen the middle, consolidate both ends, innovation oriented, leaping development", and strives to build a world-class R&D, marketing, manufacturing, and information platform to become a global leader in advanced materials, providing support for national strategic materials.

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