

# 产品目录

美好生活塑造者

Builder of a Better Life



品类	牌号	熔指	拉伸屈服应力	弯曲模量	缺口冲击强度	加工方式	推荐应用场景
透明料	RP242G	1.47	26.6	981	16.1	挤出级、吹塑级	瓶盖、挤吹瓶
	M800E	8.8	26.0	930	6.7	注塑级、吹塑级	离心管、保鲜盒盖
	B800E	8.6	28.7	1194	5.5	吹塑级	热灌装瓶
	RP348P	15.9	24.8	965	5.7	注塑级	注射器
	RP340R	28.4	25.5	943	5.3	注塑级	家居收纳
	MT40	38.2	26.2	967	4.1	注塑级	奶茶杯等薄壁包装
	MT50	48.3	25.8	950	3.9	注塑级	奶茶杯等薄壁包装
	MT60	65.1	26.4	993	3.9	注塑级	奶茶杯等薄壁包装
	HI340R	25.2	21.5	930	23.6	注塑级	低温家居用品
中高熔共聚	SP179	10.1	20.2	1043	56	注塑级	改性基料、悬浮地板
	EP548R	30.5	21.5	1203	11.6	注塑级	改性基料、大家电应用
	K9930H	30.6	21.5	872	55.6	注塑级	汽车改性
	EP640V	105.0	31	1680	3.2	注塑级	汽车改性
三高料	LA640T	60.1	27.7	1548	4.8	注塑级	汽车改性、大件制品
管材料	PA14D	0.26	24.0	765	62	挤出级	冷热水用管、缠绕罐
CPP	F800EDF	8.29	23.4	770	/	挤出级	蒸煮膜、普通复合膜
	F800E	8.0	23.5	768	/	挤出级	蒸煮膜、普通复合膜
发泡专用料	EPP800MM	7.5	24	920	/	发泡	保险杠垫块、保温箱、周转箱
拉丝	HP550J	3.12	32.1	/	/	挤出级	塑编制品
注塑	HP500N	11.9	34.1	1561	1.8	注塑级	家居用品、玩具、文具、小家电
	HP648T	72.9	37.3	1874	2.2	注塑级	快餐盒、奶茶杯
聚丁烯合金							
聚丁烯合金	PB-A	0.6	29.0	544	32	挤出级	地暖管、承压内胆

# Product List

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Type	Grade	MFR	Tensile Yield Stress	Flexural Modulus	Notched Impact Strength	Processing Method	Application
Transparent	RP242G	1.47	26.6	981	16.1	Extrusion/ Blow	Cap、 Extrusion blow bottle
	M800E	8.8	26.0	930	6.7	Injection/ Blow	Centrifuge tube、 Fresh-keeping container lid
	B800E	8.6	28.7	1194	5.5	Blow	Hot-fill bottle
	RP348P	15.9	24.8	965	5.7	Injection	Syringe
	RP340R	28.4	25.5	943	5.3	Injection	Home organization
	MT40	38.2	26.2	967	4.1	Injection	Thin-walled packaging ex.Bubble Tea cups
	MT50	48.3	25.8	950	3.9	Injection	
	MT60	65.1	26.4	993	3.9	Injection	
	HI340R	25.2	21.5	930	23.6	Injection	Cold-use home items
Medium and high MFR	SP179	10.1	20.2	1043	56	Injection	Compounding Base Material、 Suspension Flooring
	EP548R	30.5	21.5	1203	11.6	Injection	Compounding Base Material、 Major Appliance Applications
	K9930H	30.6	21.5	872	55.6	Injection	Automotive Compounding
	EP640V	105.0	31	1680	3.2	Injection	Automotive Compounding
Special	LA640T	60.1	27.7	1548	4.8	Injection	Automotive Compounding、 Large-Size Products
PIPE	PA14D	0.26	24.0	765	62	Extrusion	Pipe for cold and hot water、 Tank
CPP	F800EDF	8.29	23.4	770	/	Extrusion	Retort film、 Ordinary laminated film
	F800E	8.0	23.5	768	/	Extrusion	
Foam material	EPP800MM	7.5	24	920	/	Foam	Bumper block、 Thermal box、 Plastic crate
Raffia	HP550J	3.12	32.1	/	/	Extrusion	Plastic woven products
TWIM	HP500N	11.9	34.1	1561	1.8	Injection	Household products 、 Toys、 Stationery、 Small household appliances
	HP648T	72.9	37.3	1874	2.2	Injection	Takeaway container、 Bubble Tea cups
Polybutene Alloy (PB-A)							
Polybutene Alloy	PB-A	0.6	29.0	544	32	Extrusion	Underfloor heating pipe、 Pressure liner



# 拉丝料 Raffia

## 产品简介 Product Description

聚丙烯拉丝料具有高强度、拉伸性能好的特点，其外观平整光滑，被广泛应用于编织袋、包装绳、地毯背衬、人工草坪的生产。在编织制品的生产中，具有耐腐蚀、不霉变、耐磨擦、使用寿命长的优势。

Polypropylene drawing material has the characteristics of high strength and good tensile performance. Its appearance is flat and smooth, and it is widely used in the production of woven bags, packaging ropes, carpet backing, and artificial lawns. In the production of woven products, it has the advantages of corrosion resistance, no mold, wear resistance, and long service life.

## 下游应用 Application

- 人工草坪
- 食品包装膜
- Artificial lawns
- Food packaging film



## 技术指标 Technical Data

项目 Item	单位 Unit	企业标准 Company standards	
		HP550J	
熔体质量流动速率 (MFR)	g/10min	3.12	
等规指数 Isotactic Index	%	96.6	
灰分 (质量分数) Ash (w%)	%	0.013	
拉伸性能 TENSILE PROPERTY	拉伸弹性模量 Tensile modulus of elasticity	MPa	1432
	拉伸屈服应力 Tensile yield stress	MPa	32.1
	拉伸断裂应力 Tensile fracture stress	MPa	21.5
	拉伸断裂标称应变 Tensile fracture nominal strain	%	500
黄色指数 Yellownes Index	/	-2.8	



## 薄壁注塑 TWIM

### 产品简介 Product Description

薄壁注塑是一种高流动、高透明、高耐热的聚丙烯，用于生产壁厚薄的制品。主要应用于一次性快餐盒、奶茶杯、大型整理箱等薄壁容器。

Thin walled injection molded polypropylene is a high flow, high transparency, and high heat resistant polypropylene used in the production of products with thin walls. Mainly used in thin-walled containers such as disposable fast food boxes, milk tea cups, and large sorting boxes.

### 产品特点 Product features

- 1、高流动性满足复杂形状制品的成型要求；
- 2、高结晶，高模量，能快速冷却成型，缩短成型周期，提高加工效率，保证制品硬挺度；
- 3、氢调法，无异味、低气味，符合食品卫生要求，广泛应用于食品包装。

1. High fluidity meets the molding requirements of complex shaped products;
2. High crystallinity and high modulus, capable of rapid cooling and forming, shortening the forming cycle, improving processing efficiency, and ensuring product stiffness;
3. Hydrogen modification method, odorless and low odor, meets food hygiene requirements and is widely used in food packaging.

### 下游应用 Application

快餐盒  
奶茶杯  
Fast food box  
Milk tea cup



### 技术指标 Technical Data

项目 Item	单位 Unit	企业标准 Company standards
		HP648T
熔体质量流动速率 (MFR)	g/10min	72.9
等规指数 Isotactic Index	%	96.9
灰分 (质量分数) Ash (w%)	%	0.023
黄色指数 Yellowness Index	/	-9.5
拉伸屈服应力 Tensile yield stress	MPa	37.3
弯曲模量 Flexural modulus	MPa	1874
简支梁缺口冲击强度 Charpy Notched Impact Strength (23°C)	kJ/m <sup>2</sup>	2.2
热负荷变形温度 DTUL	°C	113
模塑收缩率 Moulding Shrinkage (SMp)	%	1.2
模塑收缩率 Moulding Shrinkage (SMn)	%	1.2

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## 均聚注塑 Injection

### 产品简介 Product Description

中熔指均聚聚丙烯树脂，具有高刚性、良好的耐热变形温度等优点，广泛用于电水壶、电饭锅、电吹风等小家电制品及家居、玩具用品注塑加工。

Medium melt index homopolymer polypropylene resin has the advantages of high rigidity and good heat resistance deformation temperature. It is widely used in small household appliances such as electric kettles, rice cookers, hair dryers, and injection molding of household and toy products.

### 产品特点 Product features

- 1、产品具有较好的流动性和结晶性，制品成型周期短；
  - 2、产品具有高刚性和硬度，终端制品耐划痕效果好；
  - 3、产品具有良好的耐热变形温度，制品触热时间长，延长制品使用寿命。
1. The product has good fluidity and crystallinity, and the molding cycle of the product is short;
  2. The product has high rigidity and hardness, and the end product has good scratch resistance;
  3. The product has a good heat resistant deformation temperature, a long contact heat time, and extends the service life of the product.

### 下游应用 Application

日用品  
玩具  
Daily necessities  
Toys



### 技术指标 Technical Data

项目 Item	单位 Unit	企业标准 Company standards
		HP500N
熔体质量流动速率 (MFR)	g/10min	11.9
等规指数 Isotactic Index	%	96.3
灰分 (质量分数) Ash (w%)	%	0.028
黄色指数 Yellowness Index	/	-1.3
拉伸屈服应力 Tensile yield stress	MPa	34.1
弯曲模量 Flexural modulus	MPa	1469
简支梁缺口冲击强度 Charpy Notched Impact Strength (23°C)	kJ/m <sup>2</sup>	1.8
热负荷变形温度 DTUL	°C	95
模塑收缩率 Moulding Shrinkage (SMp)	%	1.2
模塑收缩率 Moulding Shrinkage (SMn)	%	1.2

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## 中高熔共聚

## Medium to high melt index impact polypropylene

### 产品简介 Product Description

中高熔共聚聚丙烯具有熔指高，流动性好，加工性能优异，可快速成型的特点，且加工制品无异味，能够充分满足日常使用要求，可广泛应用于汽车、家电、日用品等多个领域，与我们的生活息息相关。

Medium to high melt index impact polypropylene has the characteristics of high melting point, good fluidity, excellent processing performance, and rapid prototyping. The processed products have no odor and can fully meet daily usage requirements. It can be widely used in multiple fields such as automobiles, household appliances, and daily necessities, and is related to our daily life.

### 产品特点 Product features

1、熔指高，流动性好，加工性能优异，可快速成型；  
2、高抗冲性能，安全无异味，满足汽车及家电制品的使用要求。

1. High melting point, good fluidity, excellent processing performance, and capable of rapid prototyping;  
2. High impact resistance, safe and odorless, meeting the requirements for the use of automobiles and household appliances.

### 下游应用 Application

- 电器部件 Electrical components
- 运动器材 Sports equipment
- 电动工具 Electric tools
- 汽车部件 Automotive components



### 技术指标 Technical Data

项目 Item	单位 Unit	企业标准 Company standards		
		SP179	K9930H	EP548R
熔体质量流动速率 (MFR)	g/10min	10.1	30.6	30.5
灰分 (质量分数) Ash (w%)	%	0.024	0.025	0.025
黄色指数 Yellowness Index	/	-2.0	-2.0	-2.0
拉伸屈服应力 Tensile yield stress	MPa	20.2	18.5	21.5
弯曲模量 Flexural modulus	MPa	1043	872	1203
简支梁缺口冲击强度 Charpy Notched Impact Strength (23°C)	kJ/m <sup>2</sup>	56	55.6	11.6
简支梁缺口冲击强度 Charpy Notched Impact Strength (-20°C)	kJ/m <sup>2</sup>	7.6	7.8	5.0
热负荷变形温度 DTUL	°C	87	83	92.5
洛氏硬度 (R 标尺) Rockwell hardness (R scale)	/	75.2	54	81.4
模塑收缩率 Moulding Shrinkage (SMp)	%	1.3	1.2	1.2
模塑收缩率 Moulding Shrinkage (SMn)	%	1.4	1.3	1.3



## 高熔指、高模量、高抗冲聚丙烯

## High melting index, high modulus, and high impact polypropylene

### 产品简介 Product Description

是一种抗冲共聚聚丙烯，熔指范围60-70g/10min，具有高熔指、高模量、高抗冲的特点。主要用于汽车部件，如立柱、门板、保险杠等，家电改性产品，大型注塑制品等。

This product is a copolymer of polypropylene, with a melt index range of 60-70g/10min. It has the characteristics of high melt index, high modulus, and high impact. Mainly used for automotive components such as pillars, door panels, bumpers, modified household appliances, large injection molded products, etc.

### 产品特点 Product features

1. 性能优异：高熔指、高模量、高抗冲；
2. 熔指高，流动性好，加工性能优异，可快速成型；
3. 轻量化，满足更多大型制品需求。

1. Excellent performance: high melting point, high modulus, and high impact resistance;
2. High melting point, good fluidity, excellent processing performance, and can be quickly formed;
3. Lightweight to meet the needs of more large-scale products.

### 下游应用 Application

门板

保险杠

Door panel

Bumper



### 技术指标 Technical Data

项目 Item	单位 Unit	企业标准 Company standards	
		LA640T	EP640V
熔体质量流动速率 (MFR)	g/10min	60.1	105
灰分 (质量分数) Ash (w%)	%	0.021	/
黄色指数 Yellowness Index	/	-2.1	/
拉伸屈服应力 Tensile yield stress	MPa	27.7	31
弯曲模量 Flexural modulus	MPa	1548	1680
简支梁缺口冲击强度 Charpy Notched Impact Strength (23°C)	kJ/m <sup>2</sup>	4.8	3.2
简支梁缺口冲击强度 Charpy Notched Impact Strength (-20°C)	kJ/m <sup>2</sup>	2.1	1.0
热负荷变形温度 DTUL	°C	112	115
洛氏硬度 (R 标尺) Rockwell hardness (R scale)	/	98	103
模塑收缩率 Moulding Shrinkage (SMP)	%	1.2	1.3
模塑收缩率 Moulding Shrinkage (SMn)	%	1.4	1.5

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## 透明料 Transparent

### 产品简介 Product Description

聚丙烯透明料是一种高透明、表面光泽、耐高温、力学性能优于普通聚丙烯，刚性好，拉伸强度高的产品，同时兼具普通聚丙烯无味、无毒、耐腐蚀的特点，主要应用于家电外壳、食品包装、医疗卫生用品等领域。

Polypropylene transparent material is a product with high transparency, surface gloss, high temperature resistance, mechanical properties superior to ordinary polypropylene, good rigidity, and high tensile strength. It also has the characteristics of ordinary polypropylene being odorless, non-toxic, and corrosion-resistant. It is mainly used in the fields of home appliance shells, food packaging, medical and sanitary products, etc.

### 产品特点 Product features

- 1、具有优良的透明度和光泽度可部分代替聚酯 (PET)、聚碳酸酯 (PC)、聚苯乙烯 (PS) 等高价材料，降低下游制品企业生产成本；
  - 2、兼具普通聚丙烯无味、无毒、耐腐蚀的特点，可广泛用于食品包装、医用材料领域。
1. Having excellent transparency and glossiness, it can partially replace high priced materials such as polyester (PET), polycarbonate (PC), and polystyrene (PS), reducing production costs for downstream product enterprises;
2. It has the characteristics of ordinary polypropylene being odorless, non-toxic, and corrosion-resistant, and can be widely used in the fields of food packaging and medical materials.

### 下游应用 Application

医疗用品 Medical supplies

食品包装 Food packaging





## 透明料 Transparent

### 技术指标 Technical Data

项目 Item	单位 Unit	企业标准 Company standards				
		RP242G	M800E	B800E	RP348P	RP340R
熔体质量流动速率 MFR	g/10min	1.47	8.8	8.6	15.9	28.4
灰分 (质量分数) Ash (w%)	%	0.016	0.016	0.036	0.034	0.016
黄色指数 Yellowness Index	/	-4.47	-3.2	-3.2	-3.0	-6.4
拉伸屈服应力 Tensile yield stress	MPa	26.6	26.0	28.7	24.8	25.5
弯曲模量 Flexural modulus	MPa	981	930	1194	965	943
简支梁缺口冲击强度 Charpy Notched Impact Strength (23°C)	kJ/m <sup>2</sup>	16.1	6.7	5.5	5.7	5.3
简支梁缺口冲击强度 Charpy Notched Impact Strength (-20°C)	kJ/m <sup>2</sup>	1.1	0.95	1.1	0.97	1.1
雾度 Haze	%	8.8	6.6	13.1	11.4	6.0
负荷变形温度 DTUL	°C	75	73	93	80	73
模塑收缩率 Moulding Shrinkage (SMp)	%	1.2	1.2	1.3	1.2	1.2
模塑收缩率 Moulding Shrinkage (SMn)	%	1.2	1.2	1.4	1.3	1.2

项目 Item	单位 Unit	企业标准 Company standards			
		MT40	MT50	MT60	HI340R
熔体质量流动速率 MFR	g/10min	38.2	48.3	65.1	25.2
灰分 (质量分数) Ash (w%)	%	0.016	0.017	0.014	0.016
黄色指数 Yellowness Index	/	-6.2	-6.0	-6.0	-7.5
拉伸屈服应力 Tensile yield stress	MPa	26.2	25.8	26.4	21.5
弯曲模量 Flexural modulus	MPa	967	950	993	930
简支梁缺口冲击强度 Charpy Notched Impact Strength (23°C)	kJ/m <sup>2</sup>	4.1	3.9	3.9	23.6
简支梁缺口冲击强度 Charpy Notched Impact Strength (-20°C)	kJ/m <sup>2</sup>	1.0	1.0	1.0	2.3
雾度 Haze	%	6.6	6.5	7.6	12.7
负荷变形温度 DTUL	°C	75	75	75	77
模塑收缩率 Moulding Shrinkage (SMp)	%	1.2	1.2	1.2	1.2
模塑收缩率 Moulding Shrinkage (SMn)	%	1.3	1.3	1.3	1.2

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# 流延聚丙烯 Cast polypropylene (CPP)

## 产品简介 Product Description

流延聚丙烯是一种用于流延膜生产的专用料，聚丙烯经过熔融平挤得到一种未拉伸的薄膜，具有柔软、透明、可热封包装等特点，在包装领域应用广泛。

Cast polypropylene is a specialized material used for the production of cast films. Polypropylene is melted and extruded to obtain an untensiled film, which has the characteristics of softness, transparency, and heat sealing packaging. It is widely used in the packaging field.

## 产品特点 Product features

1. 产品洁净无污染，应用于食品包装中的蒸煮膜；
  2. 晶点少，透明度高，制成薄膜平整美观；
  3. 产品韧性好，制成薄膜柔软度高，有效降低蒸煮膜在包装中的破袋率。
1. The product is clean and pollution-free, and is used as a cooking film in food packaging;
  2. With few crystal points and high transparency, the film is made flat and beautiful;
  3. The product has good toughness and high flexibility when made into thin films, effectively reducing the bag breakage rate of cooking films in packaging.

## 下游应用 Application

蒸煮膜  
纸巾膜  
Cooking film  
Tissue film



## 技术指标 Technical Data

项目 Item	单位 Unit	企业标准 Company standards	
		F800EDF	F800E
熔体质量流动速率 (MFR)	g/10min	8.29	8.0
灰分 (质量分数) Ash (w%)	%	0.019	0.12
黄色指数 Yellowness Index	/	-2.3	-2.4
拉伸屈服应力 Tensile yield stress	MPa	23.4	23.5
弯曲模量 Flexural modulus	MPa	770	768
0.8mm 鱼眼 Fisheye(0.8mm)	个 /1520cm <sup>2</sup>	0.4	0.2
0.4mm 鱼眼 (Fisheye 0.4mm)	个 /1520cm <sup>2</sup>	2.2	1.1
薄膜雾度 Haze	%	0.5	0.9

PPR PPB PPH

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# 聚丙烯发泡专用料 Polypropylene foam material

## 产品简介 Product Description

发泡聚丙烯专用料是可通过超临界二氧化碳工艺进行发泡的高端聚丙烯，发泡后的聚丙烯颗粒可经过模具蒸汽成型可制成不同结构不同尺寸的发泡聚丙烯制品。其原料洁净无污染，采用环境友好的二氧化碳发泡剂，在汽车部件、家电包装、工业流转等方面的用途越来越广泛。

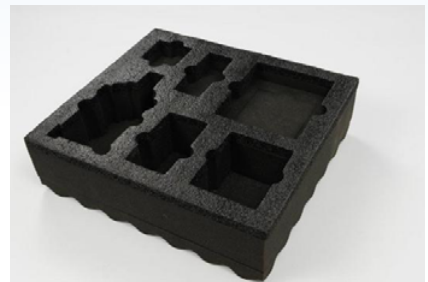
Foamed polypropylene special material is a high-end polypropylene that can be foamed through supercritical carbon dioxide technology. The foamed polypropylene particles can be steam formed by molds to produce foamed polypropylene products with different structures and sizes. Its raw materials are clean and pollution-free, and environmentally friendly carbon dioxide foaming agents are used more and more widely in automotive parts, home appliance packaging, industrial circulation, and other fields.

## 产品特点 Product features

1. 产品纯净无污染，可用于家居和食品等领域；
  2. 可耐受 100°C以上高温；
  3. 制品的力学性能明显优于常见的发泡材料；
  4. 产品密度范围宽 (0.02-0.2g/cm<sup>3</sup>) 。
1. The product is pure and pollution-free, and can be used in fields such as household and food;
  2. Can withstand high temperatures above 100 °C ;
  3. The mechanical properties of the product are significantly better than common foaming materials;
  4. The product density range is wide (0.02-0.2g/cm<sup>3</sup>).

## 下游应用 Application

周转箱  
电子产品包装  
Turnover boxes  
Electronic product packaging



## 技术指标 Technical Data

项目 Item	单位 Unit	企业标准 Company standards	
		EPP800MM	
熔体质量流动速率 (MFR)	g/10min	7.5	
熔融温度 melting temperature	°C	136/148	
拉伸性能 TENSILE PROPERTY	拉伸屈服应力 Tensile yield stress	MPa	24
	拉伸断裂标称应变 Tensile fracture nominal strain	%	520
弯曲模量 Flexural modulus	MPa	920	
简支梁冲击强度 (23°C)	kJ/m <sup>2</sup>	8.2	
热负荷变形温度 DTUL	°C	78	

PPR PPB PPH

以上数据均为典型值，并不作为产品的规格规范  
The above data are all typical values and do not serve as product specifications



## 管材料 Pipe Grade

### 产品简介 Product Description

聚丙烯管材料无毒、卫生、耐热性好，耐化学性能可抵抗大部分溶剂和有机化学品的作用，其加工性能优异能够有效减少废品率，降低能耗。广泛应用于冷热水耐压管道、地暖管、城市排水管道、板型材等领域。

Polypropylene pipe material is non-toxic, hygienic, and has good heat resistance. Its chemical resistance can resist the action of most solvents and organic chemicals. Its excellent processing performance can effectively reduce waste rate and energy consumption. Widely used in hot water pressure resistant pipes, underfloor heating pipes, urban drainage pipes, sheet materials and other fields.

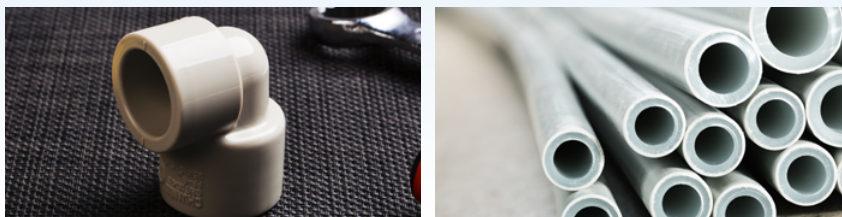
### 产品特点 Product features

- 1、耐热性好，可在 95°C条件下长期使用；
  - 2、耐化学性能可抵抗大部分溶剂和有机化学品的作用，应用范围广；
  - 3、加工性能优异，能够有效减少废品率，降低能耗。
1. Good heat resistance, can be used for a long time at 95 °C ;
  2. Chemical resistance can resist the action of most solvents and organic chemicals, with a wide range of applications;
  3. Excellent processing performance, able to effectively reduce scrap rate and energy consumption.

### 下游应用 Application

冷热水耐压管道  
纯净水供水系统

Cold and hot water pressure resistant pipe  
Purified water supply system



### 技术指标 Technical Data

项目 Item	单位 Unit	企业标准 Company standards	
		PA14D	
熔体质量流动速率 (MFR)	g/10min	0.26	
灰分 (质量分数) Ash (w%)	%	0.017	
黄色指数 Yellownes Index	/	-4.0	
拉伸性能 TENSILE PROPERTY	拉伸屈服应力 Tensile yield stress	MPa	24.0
	拉伸弹性模量 Tensile modulus of elasticity	MPa	780
	拉伸断裂应力 Tensile fracture stress	MPa	29.0
	拉伸断裂标称应变 Tensile fracture nominal strain	%	450
弯曲模量 Flexural modulus	MPa	765	
简支梁缺口冲击强度 Charpy Notched Impact Strength (23°C)	kJ/m <sup>2</sup>	62	
简支梁缺口冲击强度 Charpy Notched Impact Strength (-20°C)	kJ/m <sup>2</sup>	2.0	
热负荷变形温度 DTUL	°C	75	
洛氏硬度 (R 标尺) Rockwell hardness (R scale)	/	80	
模塑收缩率 Moulding Shrinkage (SMp)	%	1.2	
模塑收缩率 Moulding Shrinkage (SMn)	%	1.2	
熔融温度 melting temperature	°C	145.0	
氧化诱导时间 (210°C, 铝皿) Oxidation Induction Time 210 °C aluminum dish	min	49.0	
定挠弯曲应力 Fixed bending stress	MPa	20.0	

PPR

PPB

PPH

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# 聚丁烯合金

Polybutene Alloy (PB-A)

美好生活塑造者 Builder of a Better Life



## 产品简介 Product Description

聚丁烯合金 (PB-A) 是针对聚丁烯 -1 加工周期长的缺点开发的新材料。兼具聚丁烯 -1 耐候性优异、耐压等级高、寿命长的优势，聚丁烯 -1 是目前已知热水用管道原料中，耐压等级最高的原材料，具有“塑料黄金”之称，此外，我司聚丁烯合金具有系列产品及应用，以其高抗冲性可实现对聚丙烯及尼龙等产品的增韧改性应用于易撕及易揭包装膜，以其高刚、高耐磨性应用于化工、矿用板材等。

Polybutene Alloy (PB-A) is a new material developed to address the drawback of long processing cycles in polybutene-1. It combines the advantages of excellent weather resistance, high pressure resistance, and long lifespan of polybutene-1. Polybutene-1 is currently known as the material with the highest pressure resistance among the raw materials for hot water pipelines, earning it the nickname "plastic gold". Additionally, our PB-A alloy has a range of products and applications. With its high impact resistance, it can be used to toughen and modify products such as polypropylene and nylon, particularly in easy-tear and easy-peel packaging films. Its high rigidity and abrasion resistance make it suitable for applications in chemical engineering and mining sheets.

## 产品特点 Product features

1. 结晶周期仅 48 小时，打破国外技术垄断，提高下游库存周转率；
2. 耐压等级最高的热水用管道原材料；
3. 可以在 -20°C至 90°C下长期使用，最高使用温度达 110°C。

- 1.The crystallization cycle is only 48 hours, breaking through foreign technical barriers and increasing turnover rate of downstream inventory;
- 2.The highest pressure-resistant material for hot water pipelines;
- 3.Can be used long-term within the temperature range of -20° C to 90° C, with a maximum operating temperature of up to 110° C.



国内首个聚丁烯管材专用料定级认证

China's first polybutene pipe material specialized grading certification

## 下游应用 Application

热水、饮用水管  
易撕膜

Hot water and drinking water pipes  
Easy-tear films



## 技术指标 Technical Data

项目 Item	单位 Unit	企业标准 Company standards
		PB-A9090
外观 Appearance	/	象牙白颗粒 Ivory white particles
熔体质量流动速率 (190°C, 2.16kg)	g/10min	0.6
拉伸强度 Tensile strength	MPa	29.0
断裂拉伸应变 Fracture elongation	%	20
弯曲模量 Flexural modulus	MPa	544
悬臂梁缺口冲击强度 Izod-notched impact strength (23°C)	kJ/m <sup>2</sup>	32
邵氏硬度 Shore hardness	/	60
维卡软化点 Vicat softening point (A50 法)	°C	124
灰分 Ash content	mg/kg	1
聚丁烯熔点 Melting point of polybutene	°C	123

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