

注塑料—均聚料

Injection Molding Grade-Homopolymer

产品简介

中国石化均聚聚丙烯具有较高结晶度、高刚性、高强度、高模量，良好的耐热变形性，良好的耐划痕性和良好的流动性。还具有制品成型周期短的优点。

Overview

Sinopec PP homopolymer has higher crystallinity, high rigidity, high tensile strength, high modulus and good thermal distortion resistance. Products made from this resin are characterized by short processing time, good scratching resistance and fluidity.

产品用途

均聚聚丙烯可广泛用于电水壶、电饭锅、电熨斗、取暖器、电吹风、电烤面包器、电热干手器等小家电的生产。

Applications

PP homopolymer is widely used in the production of small electrical household appliances, such as electric kettles, electric utensils, electric irons, air heaters, electric hair dryers, electric toasters and electric hand dryers.

产品包装及贮运要求

产品采用重包装袋（FFS）包装、FFS薄膜袋包装，净重25 Kg /袋。

产品应存放在通风、干燥的仓库内，远离火源，防止阳光直接照射，不得露天堆放。产品运输时不得在阳光下曝晒或雨淋，不得与沙土、碎金属、煤炭、玻璃等混合装运，更不可与有毒物质、腐蚀性和易燃物品混装。

Packages, Storage and Transportation

The resin is packaged in internally film-coated polypropylene woven bags or FFS film bags. The net weight is 25Kg/bag.

The resin should be stored in a drafty, dry warehouse and away from fire and direct sunlight. It should not be piled up in the open air. During transportation, the material should not be exposed to strong sunlight or rain and should not be transported together with sand, soil, scrap metal, coal or glass. Transportation together with toxic, corrosive and flammable substance is strictly prohibited.



主要产品牌号性能指标典型值 (非保证值) 及用途

Grades, Typical Values (Not Warranted Values) and Applications

产品牌号 Grades		K1008	K1708	K1712	K1840	M12	CJS700	S980
熔体流动速率 MFR	g/10min	10.0	9.98	16.3	46	12	11.0	50
拉伸屈服强度 Tensile Strength at yield	MPa	35.0	37.6	39.4	39.9	26	31	37.6
悬臂梁缺口 冲击强度 Notched Izod impact Strength	(23°C, KJ/m ²)	2.0	3.4	2.7	2.0	3.0	1.5	2.2
弯曲模量 Flexural Modulus	MPa	1470	2082	2000	1740	1300	1200	1840
热变形温度 Heat Distortion Temperature	°C	—	—	—	—	—	—	—
等规指数 Isotactic Index	%	—	—	—	—	—	96	—
灰分 Ash	%	—	—	—	—	—	0.03	—
主要用途 Applications		注塑 Injection Molding	小家电 Small Household Appliances	小家电 Small Household Appliances	快速注射成型 薄壁制品 High-speed Injection Molding Thin-wall Products	?	注塑 Injection Molding	注塑 Injection Molding
产品认证 Certifications		食品卫生/ FDA/ROHS/ EN71	食品卫生/ ROHS/EN71	食品卫生/ FDA/ROHS/ EN71	食品卫生/FDA	食品卫生	食品卫生/FDA/ ROHS	—
生产企业 Manufacturers		燕山 Yanshan	燕山 Yanshan	燕山 Yanshan	燕山 Yanshan	天津 tianjin	广州 Guangzhou	广州 Guangzhou

产品牌号 Grades		HC9006D	HC9012D	PPH-MM18	HP500N	HP532J	EH-01	K1013
熔体流动速率 MFR	g/10min	6	12.8	18	12	3.2	0.8	15
拉伸屈服强度 Tensile Strength at yield	MPa	31	38	29	35	35	34	35
悬臂梁缺口 冲击强度 Notched Izod impact Strength	(23°C, KJ/m ²)	4.58	2.61	2.7	—	—	—	2.1 (23°C, KJ/m ²)
弯曲模量 Flexural Modulus	MPa	1550	1900	1000	1550	1550	—	1500
热变形温度 Heat Distortion Temperature	°C	102	114	—	117	110	—	—
等规指数 Isotactic Index	%	98	—	—	—	—	98	—
灰分 Ash	%	0.029	0.033	—	—	—	0.021	—
主要用途 Applications		?	?	透明注塑 transparent Injection Molding	食物容器、玩 具、花园设 备、花瓶	汽车零件、小 家电及用物品	格栅料	小型注塑件、 片材
产品认证 Certifications		—	—	—	—	—	—	—
生产企业 Manufacturers		湛江 Zhanjiang	湛江 Zhanjiang	洛阳 luoyang	中沙 SSTPC	中沙 SSTPC	武汉 Wuhan	赛科 SECCO

产品牌号 Grades		HA840K	MM45-S	MM60-S	PPH-MM20-S	V30G
熔体流动速率 MFR	g/10min	3.5	45	65	20.6	16.0
拉伸屈服强度 Tensile Strength at yield	MPa	40	36	36	41	31.4
悬臂梁缺口 冲击强度 Notched Izod impact Strength	(23°C, J/ m)	—	1.8	1.8	—	20
弯曲模量 Flexural Modulus	MPa	2150	1700	1700	2100	1280
热变形温度 Heat Distortion Temperature	°C	125	110	110	121	87
等规指数 Isotactic Index	%	—	95	95	—	93
灰分 Ash	%	—	0.03	0.03	—	0.015
主要用途 Applications		食品容器、饮料杯子	薄壁注塑 (twim)	薄壁注塑 (twim)	小型家用电器 small Household Appliances	注塑 Injection Molding
产品认证 Certifications		—	食品卫生/FDA/GB/T	食品卫生/FDA/GB/T	—	—
生产企业 Manufacturers		中沙 SSTPC	青岛 Qingdao	青岛 Qingdao	茂名 Maoming	镇海、海南、湛江、青 岛 Zhenhai, Hainan, Zhanjiang, Qingdao

产品牌号 Grades		1100N	M1200HS	MPHM-160	M02	M16
熔体流动速率 MFR	g/10min	12	12.0	16.0	17	1.8
拉伸屈服强度 Tensile Strength at yield	MPa	29	32.0	31.0	34	25
悬臂梁缺口 冲击强度 Notched Izod impact Strength	(23°C, J/ m)	2 (23°C, KJ/m ²)	20	20	—	10
弯曲模量 Flexural Modulus	MPa	1000	1700	—	—	1000
热变形温度 Heat Distortion Temperature	°C	—	115	85	—	—
等规指数 Isotactic Index	%	96	98	94	—	—
灰分 Ash	%	—	0.04	0.02	—	—
主要用途 Applications		注塑 Injection Molding	家用电器 Household Appliances	塑料玩具、包装容器 Plastic Toys, Containers and Packages	注塑 Injection Molding	注塑 Injection Molding
产品认证 Certifications		—	FDA/ROHS/RAHS	食品卫生/FDA/ ROHS/PAHS	—	—
生产企业 Manufacturers		福建联合 FREP	上海 Shanghai	茂名 Maoming	中原 zhongyuan	中原 zhongyuan