

## 注塑料

### Injection Molding Grade

#### 产品简介

中国石化高密度聚乙烯注塑料具有良好的刚、韧均衡性，抗冲击性能好，耐低温性和耐环境应力开裂性优异。产品的硬度高、耐磨损性能好、加工性能优异。

#### Overview

Sinopec HDPE injection molding grade has good balance of rigidity and toughness, good impact resistance and excellent of low temperatures resistance and good environmental stress crack resistance. The resin has good rigidity and abrasion resistance, and good processability.

#### 产品用途

高密度聚乙烯注塑料产品用于制作啤酒箱、饮料箱、食品箱、蔬菜箱、禽蛋箱等周转箱，也可用于制作塑料托盘、储物容器、家用器具、日用杂品以及薄壁食品容器等，还可用于制作工业桶、垃圾箱、玩具等，此外可使用挤出—模压法和注塑成型法生产灌装纯净水、矿泉水、茶饮料、果汁饮料等瓶用瓶盖。

#### Application

HDPE injection-molding grade is used for making reusable containers, such as beer cases, beverage cases, food cases, vegetable cases and egg cases and can also be used for making plastic trays, goods containers, home appliances, daily goods use and thin-wall food containers. It can also be used in the production of industrial-use barrels, garbage bins and toys. Through the extrusion and compression molding process and injection molding, it can be used to produce the caps of purified water, mineral water, tea beverage and juice beverage bottles.

#### 产品包装及贮运要求

产品采用重包装袋 (FFS) 包装、牛皮纸包装袋或聚乙烯复合薄膜包装袋包装，净重25Kg/袋。

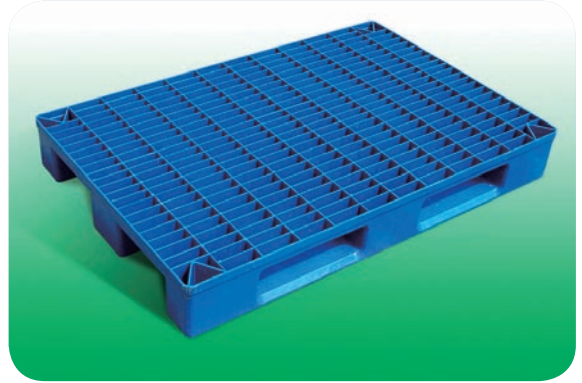
产品应存放在通风、干燥的仓库内，远离火源，防止阳光直接照射，不得露天堆放。产品运输时不得在阳光下曝晒或雨淋，不得与沙土、碎金属、煤炭、玻璃等混合装运，更不可与有毒物质、腐蚀性和易燃物品混装。

#### Package, Storage and Transportation

The resin is packaged in internally film-coated polypropylene woven bags, brown paper bags or laminated polyethylene 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)

Grades and Typical Values (Not Warranted Values)

产品牌号 Grades		3000JE	3300J	DMDA8008	DMDA8916	DMDA8920	T50-2000	T60-800	T50-200-119
熔体流动速率 MFR	g/10min	2.2	2.6	7.5	16	20	20.0	8.4	2.2
密度 Density	g/cm <sup>3</sup>	0.957	0.956	0.956	0.954	0.954	0.953	0.961	0.953
拉伸屈服强度 Tensile Strength at yield	MPa $\geq$	26.5	26.5	25	22	10	26.9	29.6	26.9
断裂伸长率 Elongation at break	% $\geq$	600	600	200	90	90	—	—	—
弯曲模量 Flexural Modulus	MPa $\geq$	1000	950	—	—	—	1276	1590	1276
维卡软化温度 Vicat softening temperature	°C	127	128	-60	-60	—	123	128	131
产品认证 Certifications		食品卫生/ FDA	食品卫生/ FDA	—	—	—	—	—	—
生产企业 Manufacturers		燕山 Yanshan	燕山 Yanshan	福建联合、 广州 FREP、 Guangzhou	福建联合 FREP	福建联合 FREP	中沙 SSTPC	中沙、中韩 石化 SSTPC	中沙 SSTPC