

## 高抗冲击料

### High Impact Polystyrene (HIPS)

#### 产品简介

中国石化聚苯乙烯高抗冲击料（HIPS）具有优异的抗冲击性、刚性、电绝缘性、耐腐蚀性，并易于着色。

#### Overview

Sinopec HIPS has excellent impact resistance, rigidity, electrical insulating property, corrosion resistance and dyeability.

#### 产品用途

聚苯乙烯高抗冲击料可用于制作家用电器外壳、玩具、汽车零部件、日常生活用品等。

#### Applications

HIPS can be used to produce the shells of electrical household appliances, toys, automobile parts, daily necessities, etc.

#### 产品包装及贮运要求

产品采用内涂膜料聚丙烯编织袋包装，净重25Kg/袋。产品应存放在通风、干燥的仓库内，应远离火源，防止阳光直接照射，不得露天堆放。产品运输时应避免日光曝晒或雨淋，不得与沙土、金属、煤等污染物混合装运，更不可与易燃或有腐蚀性的物品混装。

#### Package, Storage and Transportation

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

The resin should be stored in well-ventilated and dry warehouses 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, metal, coal or other contaminants. Transportation together with corrosive or 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		466F	476L	2710	GH660	GH660H	990
熔体流动速率 MFR	g/10min	4	5	5	6.0	5.5	4
残留苯乙烯单体 Residual Monomer	mg/kg	—	—	—	800	800	—
维卡软化点 Vicat softening Point	°C	95	90	90	88	87	94
悬臂梁缺口冲击强度 Notched Izod Impact Strength	KJ/m <sup>2</sup>	11	11	10	7.3	8.0	150
拉伸屈服应力 Tensile Stress at Yield	MPa	30	23	21	18	18	23
拉伸断裂应变 Tensile Strain at Break	%	—	—	—	30	26	—
产品认证 Certifications		—	—	—	食品卫生/FDA/ ROHS	—	—
生产企业 Manufacturers		扬巴 BASF-YPC	扬巴 BASF-YPC	扬巴 BASF-YPC	广州 Guangzhou	广州 Guangzhou	湛江 Zhanjiang