

### 工业用树脂材料的特长 Industrial resin materials

#### 通用工程塑料 General Engineering Plastics

名称 name	用途 use	特性 quality
POM 聚甲醛 Polyacetal	齿轮, 轴承 gear, bearing	冲击强度高, 耐磨性好, 磨擦性能非常优异。 Superior impact strength Excellent low friction and anti-wear properties
PA "聚酰胺(尼龙)" polyamide	(工程塑料)连接器, 齿轮, 轴承 connector, gear, bearing	耐热性和机械强度较高, 低温性能优良, 重量轻, 耐化学药品, 耐碱性优异 Excellent mechanical strength and modulus over a wide range of temperatures
PC 聚碳酸酯 polycarbonate	挡风玻璃, 框架, 机械零件 windshield glass, hatch, machine parts	高度透明性, 高冲击强度、高耐热性, 成形收缩率低、 尺寸安定性良好, 电气特性优异 Superior transparency Superior impact strength Usability in a wide range of temperatures: -40degC to 120degC Excellent dimensional stability Excellent electrical insulation capabilities
PBT 聚对苯二甲酸丁二醇酯 Polybutylene Terephthalate	线圈骨架, 连接器, 接插件 coil bobbin, connector, socket	高耐热性, 难燃性, 成形收缩率低、尺寸安定性良好, 电气特性优异 Excellent heat resistance Flame retardant grades high dimensional stability good electrical characteristics
改性PPE (PPO) 改性聚苯醚 m-PPE(PPO) Polyphenylene ether	电气零件, 机械零件 electric parts, machine parts	高耐热性, 难燃性, 机械特性, 电气特性, 耐水性优异 Excellent heat resistance Flame retardant grades good strength good electrical characteristics Excellent heat resistance and water-based

#### 通用树脂 General Plastics

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PVC 聚氯乙烯 Polyvinyl Chloride	室内墙壁, 地板, 薄膜, 电线, 管 indoor wall/floor, sheet, electric wire, pipe	耐水性高, 不易被酸、碱腐蚀, 电气绝缘性优异 Water resistance resistant to alkalis and acids insulative
PP 聚丙烯 Polypropylene	汽车, 家电零件, 薄膜, 头盔 car parts, home appliance parts, film, helmet	易成形性, 表面光泽, 耐冲击性, 铰链特性 good molding properties surface gloss Superior impact strength hinge
PE 聚乙烯 Polyethylene	筒, 水·燃料罐, 洗涤器 bucket, water/fuel tank, washer	接近PP的特性, 阻气性差 same as PP luck of gas barrier
EVA 乙烯-醋酸乙烯共聚物 Ethylene vinylacetate copolymer	薄膜, 片材, 发泡制品 film, laminate, foamed product	耐水, 紫外线性高, 柔软性随醋酸乙烯酯的增加而增加 strong for water and ultraviolet rays
AS 丙烯腈-苯乙烯共聚物 Acrylonitrile-styrene	电风扇的翼, 仪表盘, 电池盒, 钢笔 和圆珠笔的笔芯 electric fan blade, electricity meter cover, battery case, ink cartridge for ball-point pens	拉伸强度, 弹性模量属于热塑性材料中最高的种类 tensile strength