

工业用树脂材料的特长 Industrial resin materials

通用树脂 General Plastics

名称 name	用途 use	特性 quality
ABS 丙烯腈-丁二烯- 苯乙烯共聚物 Acrylonitrile-butadiene- styrene	光源电器的零件和文件柜, 连接器类 汽车内外装零件, 玩具杂货, PVC改质的补强材料 home appliance parts, cabinet, connector, car parts for interior and exterior	适用温度范围广, 加强耐冲击性, 拉伸强度, 刚性, 耐热性较均衡的材料 Well-balanced impact resistant of wide temperature range tensile strength rigidity heat resistance
PS 聚苯乙烯 Polystyrene	光源电器的零件, 连接器 connector	GPPS 透明性, HIPS 耐冲击 GPPS...transparency

特殊树脂·各种弹性体 Special Plastics and Elastomer

名称 name	用途 use	特性 quality
PI 聚酰亚胺 Poly Imide	补修用胶带, 基于柔性印刷电路板等 duct tape for repair, flexible printed circuit board	超耐热 (约500℃), 低介电常数, 机械强度, 耐化学药品性 very high heat resistance low dielectric constant good strength excellent chemical resistance
LCP 液晶聚合物高分子 Liquid Cristal Polymer	连接插头等, 经常使用于薄膜成型 connector (for thin body)	高弹性, 高强度, 耐化学药品, 低膨胀系数, 自熄性 high elastic modulus good strength excellent chemical resistance thermal expansion rate flammability
PPS 聚亚苯基硫醚 Poly Phenylene Sulfide	家电, 电气·电子, 汽车零部件 home appliance parts, electricity and electron parts, car parts	高弹性, 高强度, 耐化学药品, 低膨胀系数, 自熄性 high elastic modulus good strength excellent chemical resistance thermal expansion rate flammability
PES 聚醚砜 Polyethersulfone	印刷电路板, 示压计 printed circuit board,	高耐热性仅次于聚四氟乙烯 very high heat resistance
PEEK 聚醚醚酮 Polyether-ether-ketone	航空航天领域, 汽车零部件, 磁气测定用试料夹具 aero-space and car parts, test sample holder for measuring magnetism	高耐热性, 难燃性 very high heat resistance Flame retardant grades
离子交换树脂 Ion-exchange Polymer	排水处理, 燃料电池用 Wastewater disposal, fuel cells	溶剂中的离子交换 Ion exchange in solvent