

产品特性 Product features

High heat resistance ✦ 高耐热
 High impact strength ✦ 高韧性

产品应用 Product applications

Auto Appliances ✦ 汽车
 Home Appliances ✦ 家电

信息参数 Information parameters

性能 Properties	测试方法 Test Standard	测试条件 Test Condition	单位 Unit	典型值 Typical value ^[1,2]
聚合物性能 Polymer properties				
密度 Density	ISO 1183	23°C	g/cm ³	1.09
熔体质量流动速率 Melt mass-flow rate(MFR)	ISO 1133	260°C/5kg	g/10min	30
模塑收缩率 Molding shrinkage	ISO 294-4	23°C	%	0.4-0.7
机械性能 Mechanical properties (23°C/50% r. h.)				
拉伸屈服强度 Tensile strength at yield	ISO 527	5mm/min	MPa	50
断裂拉伸应变 Tensile strain at Break	ISO 527	5mm/min	%	15
弯曲强度 Flexural strength	ISO 178	2mm/min	MPa	75
弯曲模量 Flexural modulus	ISO 178	2mm/min	MPa	2200
悬臂梁缺口冲击强度 Izod notched impact strength	ISO 180/1A	23°C, 5.5J	kJ/m ²	42
悬臂梁缺口冲击强度 Izod notched impact strength	ISO 180/1A	-23°C, 5.5J	kJ/m ²	15
热性能 Thermal properties				
负荷变形温度 Heat distortion temperature	ISO 75	1.8MPa	°C	90
维卡软化温度 Vicat softening temperature	ISO 306	B50	°C	106
阻燃性能 Flammability				
阻燃性 Flammability	UL94	1.5mm	CLASS	HB

[1]数据为典型值, 仅供参考, 不作为品质指标及其他用途的保证; The data are typical values for reference only and are not used as quality indicators or other purposes;

[2]不同颜色的产品其性能可能会不同。Different colors of products may have different properties.

聚合睿见 塑造无限

建议加工及干燥条件 Recommended processing & Drying conditions

- ✦ 干燥时间 Drying time 2-4h
- ✦ 干燥温度 Drying temperature 80-90°C
- ✦ 干燥设备 Drying equipment 热风式干燥机 Hot air dryer

注塑成型工艺 Injection molding process

相关条件 Related conditions			
		典型值 Optimum	范围 Range
熔体温度	Melt Temp.	250°C	240-270°C
料筒温度	Barrel Temp.	后段, Rear	240°C
		中段, Middle	245°C
		前段, Front	250°C
		喷嘴, Nozzle	255°C
加工上限温度	Processing Temp. Upper Limit	290°C	
建议模具温度	Recommended Mold Temp.	60-100°C	

以上加工参数仅供参考，实际工艺参数应根据不同机型、不同模具以及不同产品等进行适当调整。

The above processing parameters are for reference only. Actual process parameters should be adjusted appropriately according to different models, different molds and different products.

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