

产品资料表/datasheet

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|--------------------------------|--------|------------|--|-----------|------------------|
| • 规格: YF2300 | 颜色: NC | 材质: PC/ABS | • Specification: YF2300 | Color: NC | Material: PC/ABS |
| • 特性: 电镀级, 高抗冲, 刚性与韧性的良好平衡 | | | • Features: Electroplating grade, high impact resistance, good balance of rigidity and toughness | | |
| • 用途: 高端家用电器、汽车/交通工具、办公设备、灯饰照明 | | | • Usage: High end household appliances, automobiles/transportation vehicles, office equipment, lighting fixtures | | |
| • 加工方式: 注塑 | | | • Processing method: injection molding | | |
| • 符合法规: | | | • Compliant with regulations: | | |
| • Rohs • SVHC | | | • Rohs • SVHC | | |
| • 供应区域: 中国, 东南亚 | | | • Supply region: China, Southeast Asia | | |
| • 外观: 颗粒状 | | | • Appearance: Granular | | |
| • 填充物: 无 | | | • Filler: None | | |

项目 Project	方法 method	条件	单位 unit	YF2300	
				限定值	实测值
熔融指数 Melt Index(230°C/2.16kg)	ISO 1133	260°C 5kg	g/10min	25-35	29.8
密度 Density	ISO 1183	23°C	g/cm3	1.09-1.11	1.099
收缩率 Shrinkage rate	ISO 294-4	23°C	%	/	0.4-0.6
拉伸强度 Tensile Strength	ISO 527	10mm/min	MPa	≥45	46.2
断裂延伸率 Tensile Elongation at Break	ISO 527	10mm/min	%	≥60	63.7
弯曲强度 Flexural Strength	ISO 178	10mm/min	MPa	≥60	66.5
弯曲模量 Flexural Modulus	ISO 178	10mm/min	MPa	≥2150	2246.7
Izod 冲击强度 Izod Impact Strength	ISO 179	23°C	KJ/m ²	≥40	45.1
	ISO 179	-20°C	KJ/m ²	/	/
洛氏硬度 Rockwell Hardness	ISO 2039-2	23°C	R	≥110	112
热变形温度 Hot deformation temperature	ISO 75	1.8MPa	°C	≥90	93.6
阻燃性 Flame retardancy	UL94	/	/	HB	HB

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