

名称: **PP/PE-GF25**
 牌号: **P343G UV**



产品简介 Product Description	主要应用 Applications
·25%玻纤增强、弹性体增韧聚丙烯 25% glass fiber reinforced and POE toughening PP	·注塑成型 Injection molding
·优异的软触感觉 Excellent soft touch haptics ·优良的耐刮擦 Very good scratch resistance	·优异的尺寸稳定性 Excellent dimension stability ·低收缩和低翘曲 Low shrinkage and low warpage

性能 Properties	测试标准 Test Method	测试条件 Test Condition	单位 Unit	典型值 Typical Values
物理性能 Physical properties				
熔融指数 Melt Flow Rate	ISO 1133	230℃, 2.16Kg	g/10min	12.5
密度 Specific Gravity	ISO 1183	23℃	g/cm ³	1.09
灰份 Ash	ISO 3451	800℃,30min	%	27
机械性能 Mechanical properties				
拉伸强度 Tensile Strength	ISO 527	50mm/min	MPa	39
弯曲模量 Flexural Modulus	ISO 178	2mm/min	MPa	3400
简支梁缺口冲击强度 Notched Charpy Impact Strength	ISO 179-1/1eA	at 23℃	kJ/m ²	40
简支梁缺口冲击强度 Notched Charpy Impact Strength	ISO 179-1/1eA	at -30℃	kJ/m ²	16
其它性能 Other properties				
收缩率 Mold Shrinkage ,flow direction	internal test method	23℃	%	0.10-0.20
收缩率 Mold Shrinkage ,cross flow	internal test method	23℃	%	0.50-0.70
阻燃性 Flammability	TL1010	—	mm/min	50

说明: 以上数据是典型值, 不是保证值。根据模具设计, 例如浇口类型, 浇口分布, 浇口数量的不同, 注塑工艺和制件厚度的不同, 测试结果会有波动。不同的颜色, 测试结果也会有波动。在使用材料之前, 请咨询旭光聚合物有限公司。

Note: The data above is typical value for reference, not guarantee value. The data will vary with tool design such as gate type , gate location, gate number, injection molding process and part thickness. The data will vary with different color as well. Prior to use the material, please consult with Sunway polymer.

典型加工条件 Processing Conditions		参考范围 Range
熔体温度 Melt Temperature		210-240°C
料筒温度 Barrel Temperature	后段, Rear	210--220°C
	中段, Center	215--235°C
	前段, Front	230--240°C
模具温度 Mold Temperature		30-50°C
预干燥 Pre-Dry needed		90-100°C, 2h

说明: 以上数值仅供注塑机参考使用, 可根据不同机型、不同模具以及产品要求, 对上述工艺做适当调整。

Note: The above process condition is only for reference. The actual process should be adjusted according to different type of machine, mold design and product design.