

名 称: PPGF20M10

牌 号: P104MG



产品简介 Product Description	主要应用 Applications
·20% ,10% 20% glass fiber reinforced PP and 10% mineral filled	· Injection molding
· Excellent heat stability	· Good mechanical properties balance

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				
Specific Gravity	ISO 1183	23	g/cm ³	1.13
Ash	ISO 3451	650 ,30min	%	30
机械性能 Mechanical properties				
Tensile Strength	ISO 527	5mm/min	MPa	60
Flexural Modulus	ISO 178	2mm/min	MPa	4500
Flexural Strength	ISO 178	2mm/min	MPa	90
Charpy Notched Impact Strength	ISO 179-1eA	23	kJ/m ²	8
Charpy Unnotched Impact Strength	ISO 179-1eU	23	kJ/m ²	40
热性能 Thermal properties				
Heat Deflection Temp.	ISO 75	1.8 Mpa	°C	130
Melting Point	ISO 11375	DSC	°C	161
其它性能 Other properties				
Mold Shrinkage ⁽¹⁾	internal test method	48 hours after tool	%	0.40-0.80
Flammability	ISO 3795	—	mm/min	29

说明:

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.

Barrel Temperature

Mold Temperature

30-80

Pre-Dry needed

90-110 , 2-4h

说明 (1)

210*140*2.8mm

(2)

Note: (1) The dimension of shrinkage plaque is 210*140*2.8mm. The part's shrinkage will have deviation due to part thickness, number of gate and type of gate; It is better to do mold trial on similar tool before cutting a new tool.

(2) 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.

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