

Starpylen HT 25 MC

Polypropylene
Eurostar Engineering Plastics

Message:
Starpylen HT 25 MC is a Mineral Filled Polypropylene Injection Molding Resin

General Information			
Filler / Reinforcement	Mineral		
RoHS Compliance	RoHS Compliant		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.10	g/cm ³	ISO 1183
Molding Shrinkage - Flow (4.00 mm)	1.2 to 1.6	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2400	MPa	ISO 527-2/1
Tensile Stress (Break)	30.0	MPa	ISO 527-2
Tensile Strain (Break)	40	%	ISO 527-2
Flexural Modulus	2500	MPa	ISO 178
Flexural Stress	55.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength ¹ (23°C)	25	kJ/m ²	ISO 179/1eU
Notched Izod Impact Strength ² (23°C)	37	kJ/m ²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature ³ (1.8 MPa, Unannealed, 64.0 mm Span)	75.0	°C	ISO 75-2/Af
Vicat Softening Temperature	149	°C	ISO 306/A50
Injection	Nominal Value	Unit	
Drying Temperature	70.0	°C	
Drying Time	3.0	hr	
Rear Temperature	220	°C	
Middle Temperature	230	°C	
Front Temperature	240	°C	
Processing (Melt) Temp	210 to 250	°C	
Mold Temperature	50.0 to 60.0	°C	
NOTE			
1.	80*10*4 sp=62mm		
2.	80*10*4		
3.	80*10*4		

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Recommended distributors for this material

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