

Staramide 6 1565VE11

Polyamide 6
Eurostar Engineering Plastics

Message:

Staramide 6 1565VE11 is a High Density Glass Fiber Reinforced Polyamide 6 Injection Molding Resin with Improved Thermal Conductivity

General Information			
Filler / Reinforcement	Glass fiber reinforced material		
Features	Heat conduction		
	High density		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	3.30	g/cm ³	ISO 1183
Molding Shrinkage (3.00 mm)	0.20 - 0.40	%	Internal method
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus	5800	MPa	ISO 178
Flexural Stress	123	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	9.0	kJ/m ²	ISO 180/1A
Unnotched Izod Impact Strength (23°C)	23	kJ/m ²	ISO 180/1U
Thermal	Nominal Value	Unit	Test Method
Melting Temperature (DSC)	224	°C	ISO 3146
Injection	Nominal Value	Unit	
Drying Temperature	80	°C	
Drying Time	4.0	hr	
Suggested Max Moisture	0.20	%	
Rear Temperature	250 - 260	°C	
Middle Temperature	250 - 280	°C	
Front Temperature	250 - 280	°C	
Processing (Melt) Temp	250 - 280	°C	
Mold Temperature	50 - 90	°C	

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