

Staramide RF006S

Polyamide 66
Eurostar Engineering Plastics

Message:
Staramide RF006S -GY9A121 is a 30 % Glass Fiber Reinforced Polyamide 66 Injection Molding Resin

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 30% filler by weight		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.37	g/cm ³	ISO 1183
shrinkage-Flow (4.00 mm)	0.30 - 0.50	%	Internal method
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	9400	MPa	ISO 527-2/1
Tensile Stress (Break)	170	MPa	ISO 527-2
Tensile Strain (Break)	2.0 - 3.0	%	ISO 527-2
Flexural Modulus	8300	MPa	ISO 178
Flexural Stress	230	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	10	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	80	kJ/m ²	ISO 179/1eU
Notched Izod Impact (23°C)	10	kJ/m ²	ISO 180/1A
Unnotched Izod Impact Strength (23°C)	75	kJ/m ²	ISO 180/1U
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature ¹ (1.8 MPa, Unannealed, 100 mm Span)	250	°C	ISO 75-2/Ae
Injection	Nominal Value	Unit	
Drying Temperature	75 - 85	°C	
Drying Time	4.0 - 6.0	hr	
Suggested Max Moisture	0.20	%	
Rear Temperature	260 - 280	°C	
Middle Temperature	270 - 280	°C	
Front Temperature	270 - 290	°C	
Processing (Melt) Temp	270 - 290	°C	
Mold Temperature	60 - 90	°C	
NOTE			
1.	120x10x4 mm		

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Recommended distributors for this material

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