

Staramide P1000EI3

Polyamide 6
Eurostar Engineering Plastics

Message:
Staramide P1000EI3 is an Impact Modified Polyamide 6 Injection Molding Resin (also known as P1000HI020)

General Information			
Additive	Impact Modifier		
Features	Impact Modified		
RoHS Compliance	RoHS Compliant		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.08	g/cm ³	ISO 1183
Molding Shrinkage			ISO 294-4
Across Flow : 24 hr	1.9 to 2.1	%	
Flow : 24 hr	1.9 to 2.1	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1800	MPa	ISO 527-2/1
Tensile Stress (Break)	40.0	MPa	ISO 527-2
Tensile Strain (Break)	100	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength ¹ (23°C)	44	kJ/m ²	ISO 180/1A
Unnotched Izod Impact Strength ² (23°C)	96	kJ/m ²	ISO 180/1U
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature ³ (1.8 MPa, Unannealed, 64.0 mm Span)	51.0	°C	ISO 75-2/Af
Injection	Nominal Value	Unit	
Drying Temperature	75.0 to 85.0	°C	
Drying Time	4.0 to 6.0	hr	
Suggested Max Moisture	0.20	%	
Rear Temperature	220 to 230	°C	
Middle Temperature	230 to 240	°C	
Front Temperature	240 to 250	°C	
Processing (Melt) Temp	240 to 250	°C	
Mold Temperature	60.0 to 90.0	°C	
NOTE			
1.	80*10*4		
2.	80*10*4		
3.	80*10*4		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519
Phone: +86 13424755533
Email: sales@su-jiao.com
No. 215, Lianhe North Road, Fengxian District, Shanghai, China

