

Staramide Z1000XXC

Polyamide 66 Alloy

Eurostar Engineering Plastics

Message:

Staramide is Z1000XXC is an UV Stabilized Polyamide 66 Alloy, Injection Molding Resin (also known as R1000HI0944)

General Information			
Additive	UV Stabilizer		
Features	Good UV Resistance		
RoHS Compliance	RoHS Compliant		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.09	g/cm ³	ISO 1183
Molding Shrinkage - Flow ¹	1.6 to 1.8	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	49.0	MPa	ISO 527-2/5
Tensile Strain (Break)	> 25	%	ISO 527-2/5
Flexural Modulus ²	1700	MPa	ISO 178
Flexural Stress	63.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength ³ (23°C)	56	kJ/m ²	ISO 180/1A
Unnotched Izod Impact Strength ⁴ (23°C)	> 140	kJ/m ²	ISO 180/1U
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature ⁵ (1.8 MPa, Unannealed, 64.0 mm Span)	89.0	°C	ISO 75-2/Af
NOTE			
1.	Tensile Bar		
2.	2.0 mm/min		
3.	80*10*4		
4.	80*10*4		
5.	80*10*4		

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