

Eurostar Staramide Z1000XXC PA66, Injection Molded

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, Impact Grade

Material Notes:

Staramide Z1000XXC is an UV Stabilized Polyamide 66 Injection Molding Resin (also known as R1000HI0944) Information provided by Eurostar.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Eurostar-Staramide-Z1000XXC-PA66-Injection-Molded.php

Physical Properties	Metric	English	Comments
Density	1.09 g/cc	0.0394 lb/in ³	ISO 1183
Linear Mold Shrinkage, Flow	0.016 - 0.018 cm/cm	0.016 - 0.018 in/in	on Tensile Bar; E2P method

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	49.0 MPa	7110 psi	5 mm/min; ISO 527
Elongation at Break	>= 25 %	>= 25 %	5 mm/min; ISO 527
Flexural Strength	63.0 MPa	9140 psi	2 mm/min; ISO 178
Flexural Modulus	1.70 GPa	247 ksi	2 mm/min; ISO 178

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	>= 89.0 °C	>= 192 °F	Flatw 80x10x4, sp=64 mm; ISO 75/Af

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