

Shakespeare Isocorâ„ž HZ73SI high viscosity PA-6

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6 , Unreinforced

Material Notes:

Isocorâ„ž HZ73SI is a high viscosity PA-6. This resin is specifically suited for applications requiring excellent abrasion, tensile and elongation properties. This resin can be processed using conventional techniques. Used for profile extrusions, film extrusions, flexible tubing, fiber and filaments. Information provided by Shakespeare Company.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Shakespeare-Isocor-HZ73SI-high-viscosity-PA-6.php

Physical Properties	Metric	English	Comments
Density	1.103 g/cc	0.03985 lb/in ³	ASTM D 792
Linear Mold Shrinkage	0.015 cm/cm	0.015 in/in	
	@Thickness 3.17 mm	@Thickness 0.125 in	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	52.6 MPa	7630 psi	ASTM D 638
Tensile Modulus	1.87 GPa	271 ksi	ASTM D 638
Izod Impact, Notched	1.36 J/cm	2.54 ft-lb/in	ASTM D 256

Thermal Properties	Metric	English	Comments
Melting Point	213 Â°C	415 Â°F	DSC
Glass Transition Temp, Tg	120 Â°C	248 Â°F	DSC

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