

Shakespeare Isocorâ„¸ SVP4011 high viscosity PA-6/69

Category : Polymer , Thermoplastic , Nylon , Nylon 6/69

Material Notes:

Isocorâ„¸ 4011 is a high viscosity PA-6/69. This resin is specifically suited for applications requiring superior toughness and abrasion resistance. Isocorâ„¸ 4011 is also used in applications requiring good electrical insulation properties using conventional techniques. Used for cable jacketing, film extrusions, monofilaments / bristles, impact modifier, electrical connectors, and trimmer line. Information provided by Shakespeare Company.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Shakespeare-Isocor-SVP4011-high-viscosity-PA-669.php

Physical Properties	Metric	English	Comments
Density	1.12 g/cc	0.0405 lb/in ³	ASTM D 792
Water Absorption	3.7 %	3.7 %	24 hour immersion; ASTM D 570
Linear Mold Shrinkage	0.014 cm/cm @Thickness 3.17 mm	0.014 in/in @Thickness 0.125 in	

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	79	79	ASTM D 2240
Tensile Strength at Break	39.3 MPa	5700 psi	ASTM D 638
Elongation at Break	300 %	300 %	ASTM D 638
Flexural Modulus	0.634 GPa	92.0 ksi	ASTM D 790
Izod Impact, Notched	1.60 J/cm	3.00 ft-lb/in	ASTM D 256

Thermal Properties	Metric	English	Comments
Melting Point	200 Â°C	392 Â°F	DSC
Deflection Temperature at 0.46 MPa (66 psi)	141 Â°C	286 Â°F	ASTM D 648
Deflection Temperature at 1.8 MPa (264 psi)	42.0 Â°C	108 Â°F	ASTM D 648

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.comEmail : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China