

Shakespeare Isocorâ„ç SVP6100 Nylon 610

Category : Polymer , Thermoplastic , Nylon , Nylon 610

Material Notes:

Isocorâ„ç 6100 is a medium viscosity PA-610. This resin is specifically suited for applications requiring low moisture absorption and greater dimensional stability. Isocorâ„ç 6100 is also used in applications requiring good electrical insulation properties. This resin can be processed using conventional techniques. Used for cable jacketing, monofilaments / bristles, film extrusions, electrical connectors, and automotive tubing. Information provided by Shakespeare Company.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Shakespeare-Isocor-SVP6100-Nylon-610.php

Physical Properties	Metric	English	Comments
Density	1.07 g/cc	0.0387 lb/in ³	ASTM D 792
Linear Mold Shrinkage	0.011 cm/cm @Thickness 3.17 mm	0.011 in/in @Thickness 0.125 in	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	60.0 MPa	8700 psi	ASTM D 638
Elongation at Break	100 %	100 %	ASTM D 638
Flexural Modulus	2.00 GPa	290 ksi	ASTM D 790
Izod Impact, Notched	0.481 J/cm	0.900 ft-lb/in	ASTM D 256
Taber Abrasion, mg/1000 Cycles	6.0	6.0	ASTM D 1044

Thermal Properties	Metric	English	Comments
Melting Point	215 Â°C	419 Â°F	DSC
Deflection Temperature at 0.46 MPa (66 psi)	175 Â°C	347 Â°F	ASTM D 648
Deflection Temperature at 1.8 MPa (264 psi)	66.0 Â°C	151 Â°F	ASTM D 648

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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