

Shakespeare Isocorâ„ç SC45BT Nylon 610

Category : Polymer , Thermoplastic , Nylon , Nylon 610

Material Notes:

Isocorâ„ç SC45BT is a medium viscosity PA-610 based copolymer. This resin is specifically suited for clear applications requiring increased solvent resistance and impact properties. Isocorâ„ç SC45BT is also used in applications requiring improved dimensional stability This resin can be processed with conventional techniques. Used for injection molding, monofilaments / bristles, and film extrusion. Information provided by Shakespeare Company.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Shakespeare-Isocor-SC45BT-Nylon-610.php

Physical Properties	Metric	English	Comments
Density	1.15 g/cc	0.0415 lb/in ³	ASTM D 792
Linear Mold Shrinkage	0.0030 cm/cm @Thickness 3.17 mm	0.0030 in/in @Thickness 0.125 in	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	47.6 MPa	6900 psi	ASTM D 638
Elongation at Break	51 %	51 %	ASTM D 638
Tensile Modulus	3.10 GPa	450 ksi	ASTM D 638
Izod Impact, Notched	0.481 J/cm	0.900 ft-lb/in	ASTM D 256
Gardner Impact	4.63 J @Temperature 23.0 Â°C	3.42 ft-lb @Temperature 73.4 Â°F	ASTM D 5420

Thermal Properties	Metric	English	Comments
Glass Transition Temp, Tg	70.0 Â°C	158 Â°F	ASTM D 3418

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