

SK Chemicals SKYTHANE® U1731C Magnetic Binder

Category : Other Engineering Material , Additive/Filler for Polymer , Polymer , Thermoplastic , Elastomer, TPE , Polyurethane, TP

Material Notes:

Description: SK Chemicals has supplied Thermoplastic Polyurethane Elastomer (TPU) under the name of SKYTHANE. Applications include: Keyboard Covers, Outsoles of Soccer Shoes, Wire and Cable, Airbags, Sheets and Film, Hoses and Tubing, Shoe Components, Fire Hoses. Information provided by SK Chemicals.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SK-Chemicals-SKYTHANE-U1731C-Magnetic-Binder.php

Physical Properties	Metric	English	Comments
Solids Content	20 %	20 %	ASTM D1259
Viscosity	3500 - 5500 cP	3500 - 5500 cP	ASTM D803
Molecular Weight	60000 g/mol	60000 g/mol	ASTM D3536

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	83.4 MPa	12100 psi	ASTM D638
Elongation at Break	400 %	400 %	ASTM D638
100% Modulus	0.009804 GPa	1.422 ksi	ASTM D638

Thermal Properties	Metric	English	Comments
Glass Transition Temp, Tg	15.0 Â°C	59.0 Â°F	ASTM E1356

Descriptive Properties	Value	Comments
Appearance	Pale Yellow Liquid	

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