

**SK Chemicals SKYTHANE® US106B 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-US106B-Magnetic-Binder.php](http://www.lookpolymers.com/polymer_SK-Chemicals-SKYTHANE-US106B-Magnetic-Binder.php)

Physical Properties	Metric	English	Comments
Solids Content	30 %	30 %	ASTM D1259
Viscosity	500 - 1000 cP	500 - 1000 cP	ASTM D803
Molecular Weight	30000 g/mol	30000 g/mol	ASTM D3536

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	9.81 MPa	1420 psi	ASTM D638
Elongation at Break	800 %	800 %	ASTM D638
100% Modulus	0.00196 GPa	0.284 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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