

## SK Chemicals SKYTHANE<sup>®</sup> U101 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-U101-Magnetic-Binder.php](http://www.lookpolymers.com/polymer_SK-Chemicals-SKYTHANE-U101-Magnetic-Binder.php)

Physical Properties	Metric	English	Comments
Solids Content	33 %	33 %	ASTM D1259
Viscosity	7000 - 13000 cP	7000 - 13000 cP	ASTM D803
Molecular Weight	80000 g/mol	80000 g/mol	ASTM D3536

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	44.1 MPa	6400 psi	ASTM D638
Elongation at Break	850 %	850 %	ASTM D638
100% Modulus	0.00687 GPa	0.996 ksi	ASTM D638

Thermal Properties	Metric	English	Comments
Glass Transition Temp, Tg	-45.0 °C	-49.0 °F	ASTM E1356

Descriptive Properties	Value	Comments
Appearance	Pale Yellow Liquid	

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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