

SK Chemicals SKYTHANE® UB601 Ink 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. UB series are used for adhesives and coating applications such as binder for magnetic tapes and inks, adhesives for shoe industries and PVC lamination, etc. UB series have good solubility to various kinds of industrial solvents and cover a wide range of solution viscosity. Information provided by SK Chemicals.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SK-Chemicals-SKYTHANE-UB601-Ink-Binder.php

Physical Properties	Metric	English	Comments
Solids Content	100 %	100 %	ASTM D1259
Viscosity	1000 - 2000 cP	1000 - 2000 cP	ASTM D803
Molecular Weight	100000 g/mol	100000 g/mol	ASTM D3536

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	39.2 MPa	5690 psi	ASTM D638
Elongation at Break	270 %	270 %	ASTM D638
100% Modulus	0.02059 GPa	2.987 ksi	ASTM D638

Thermal Properties	Metric	English	Comments
Glass Transition Temp, Tg	30.0 Â°C	86.0 Â°F	ASTM E1356

Descriptive Properties	Value	Comments
Appearance	Solid (Pellet)	

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