

SK Chemicals SKYTHANE® 400 Hotmelt Grade UB Polyurethane

Category : Polymer , Thermoplastic , Elastomer, TPE , Polyurethane, TP

Material Notes:

SKYTHANE is a thermoplastic polyurethane elastomer (TPU). Like materials ranging from rubber to plastics, it has excellent physical properties such as anti-abrasion, oil-resistance and mechanical property. It is widely used for automotive parts and various industrial parts. Information provided by SK Chemicals

Order this product through the following link:

http://www.lookpolymers.com/polymer_SK-Chemicals-SKYTHANE-400-Hotmelt-Grade-UB-Polyurethane.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	78	78	ASTM D2240
Tensile Strength, Ultimate	19.6 MPa	2840 psi	ASTM D412
Tensile Strength, Yield	4.51 MPa	654 psi	ASTM D412
	@Strain 100 %	@Strain 100 %	
	7.55 MPa	1100 psi	ASTM D412
	@Strain 300 %	@Strain 300 %	
Elongation at Break	900 %	900 %	ASTM D412
Tear Strength	61.8 kN/m	353 pli	ASTM D624

Thermal Properties	Metric	English	Comments
Softening Point	117 °C	243 °F	Kofler Heating Stage
Glass Transition Temp, Tg	-18.0 °C	-0.400 °F	ASTM D4065

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