

SK Chemicals SKYTHANE® 310 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-310-Hotmelt-Grade-UB-Polyurethane.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	95	95	ASTM D2240
Tensile Strength, Ultimate	41.2 MPa	5970 psi	ASTM D412
Tensile Strength, Yield	4.61 MPa @Strain 100 %	668 psi @Strain 100 %	ASTM D412
	5.39 MPa @Strain 300 %	782 psi @Strain 300 %	ASTM D412
Elongation at Break	900 %	900 %	ASTM D412
Tear Strength	83.4 kN/m	476 pli	ASTM D624

Thermal Properties	Metric	English	Comments
Melting Point	69.0 Â°C	156 Â°F	ASTM D3418
Softening Point	120 Â°C	248 Â°F	Ring & Ball; ASTM E28

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