

SK Chemicals SKYTHANE® 410 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-410-Hotmelt-Grade-UB-Polyurethane.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	70	70	ASTM D2240
Tensile Strength, Ultimate	24.5 MPa	3560 psi	ASTM D412
Tensile Strength, Yield	1.96 MPa	284 psi	ASTM D412
	@Strain 100 %	@Strain 100 %	
	3.92 MPa	569 psi	ASTM D412
	@Strain 300 %	@Strain 300 %	
Elongation at Break	800 %	800 %	ASTM D412
Tear Strength	49.0 kN/m	280 pli	ASTM D624

Thermal Properties	Metric	English	Comments
Softening Point	90.0 Â°C	194 Â°F	Kofler Heating Stage
Glass Transition Temp, Tg	-25.0 Â°C	-13.0 Â°F	ASTM D4065

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