

SK Chemicals SKYTHANE® 470A T series 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-470A-T-series-Polyurethane.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.13 g/cc	1.13 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	77	77	ASTM D2240
Tensile Strength, Ultimate	37.3 MPa	5400 psi	ASTM D412
Tensile Strength, Yield	3.92 MPa	569 psi	ASTM D412
	@Strain 100 %	@Strain 100 %	
	6.86 MPa	996 psi	ASTM D412
	@Strain 300 %	@Strain 300 %	
Elongation at Break	1000 %	1000 %	ASTM D412
Tear Strength	81.4 kN/m	465 pli	ASTM D624

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