

Teknor Apex UNIPRENE® 7100-64 Thermoplastic Elastomer

Category : Polymer , Thermoplastic , Elastomer, TPE , Thermoplastic Elastomer, Melt-Processible Rubber

Material Notes:

Information provided by Teknor Apex Company

Order this product through the following link:

http://www.lookpolymers.com/polymer_Teknor-Apex-UNIPRENE-7100-64-Thermoplastic-Elastomer.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.940 g/cc	0.940 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	65	65	5 seconds; ASTM D2240
	70	70	Instantaneous; ASTM D2240
Tensile Strength, Yield	5.17 MPa	750 psi	ASTM D412
Elongation at Break	320 %	320 %	ASTM D412
100% Modulus	0.00296 GPa	0.430 ksi	ASTM D412
Tear Strength	22.8 kN/m	130 pli	ASTM D624
Compression Set	23 %	23 %	23°C, 22 hr.; ASTM D395, Method B
	39 %	39 %	100°C, 22 hr.; ASTM D395, Method B

Thermal Properties	Metric	English	Comments
Brittleness Temperature	<= -60.0 °C	<= -76.0 °F	ASTM D746

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