

Teknor Apex UNIPRENE® 7400-64 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-7400-64-Thermoplastic-Elastomer.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.900 g/cc	0.900 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	64	64	5 seconds; ASTM D2240
Tensile Strength, Yield	2.76 MPa	400 psi	Adhesion to EPDM, 0.125" Micro Die, 8"/min; ASTM D412
	4.69 MPa	680 psi	85% Retention, Hot Air Aging, 22 hrs at 70°C
	5.52 MPa	800 psi	ASTM D412
Elongation at Break	320 %	320 %	80% Retention; Hot Air Aging, 22 hrs at 70°C
	400 %	400 %	ASTM D412
Elongation at Yield	100 %	100 %	Adhesion to EPDM, 0.125" Micro Die, 8"/min; ASTM D412
100% Modulus	0.00276 GPa	0.400 ksi	ASTM D412
Compression Set	29 %	29 %	23°C, 22 hr.; ASTM D395, Method B
	42 %	42 %	70°C, 22 hr.; ASTM D395, Method B

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