

Teknor Apex UNIPRENE® 7400-40D 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-7400-40D-Thermoplastic-Elastomer.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.910 g/cc	0.910 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	37	37	10 seconds; ASTM D2240
Tensile Strength, Yield	3.79 MPa	550 psi	Adhesion to EPDM, 0.125" Micro Die, 8"/min; ASTM D412
	13.1 MPa	1900 psi	ASTM D412
	13.1 MPa	1900 psi	100% Retention, Hot Air Aging, 22 hrs at 70°C
Elongation at Break	393.75 %	393.75 %	75% Retention; Hot Air Aging, 22 hrs at 70°C
	525 %	525 %	ASTM D412
Elongation at Yield	50 %	50 %	Adhesion to EPDM, 0.125" Micro Die, 8"/min; ASTM D412
100% Modulus	0.00758 GPa	1.10 ksi	ASTM D412
Compression Set	40 %	40 %	23°C, 22 hr.; ASTM D395, Method B
	50 %	50 %	70°C, 22 hr.; ASTM D395, Method B

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