

Teknor Apex TEKRON® 4000-60 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-TEKRON-4000-60-Thermoplastic-Elastomer.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.18 g/cc	1.18 g/cc	+/- 0.02; ASTM D792
Melt Flow	0.30 g/10 min @Load 2.16 kg, Temperature 230 °C	0.30 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	60	60	ASTM D2240
Tensile Strength, Yield	8.83 MPa	1280 psi	ASTM D412
Elongation at Break	725 %	725 %	ASTM D412
100% Modulus	0.00138 GPa	0.200 ksi	ASTM D412
Flexural Modulus	0.0324 GPa	4.70 ksi	ASTM D790
Tear Strength	21.0 kN/m	120 pli	Die C; ASTM D1004

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