

Teknor Apex ELEXAR[®] EL 8623 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-ELEXAR-EL-8623-Thermoplastic-Elastomer.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.15 g/cc	1.15 g/cc	ASTM D792
Melt Flow	2.1 g/10 min @Load 2.16 kg, Temperature 230 Â°C	2.1 g/10 min @Load 4.76 lb, Temperature 446 Â°F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	42	42	ASTM D2240
Tensile Strength, Yield	18.5 MPa	2680 psi	ASTM D412
Elongation at Break	490 %	490 %	ASTM D412

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	125 Â°C	257 Â°F	Continuous; UL-1581
Brittleness Temperature	-56.0 Â°C	-68.8 Â°F	ASTM D746
Oxygen Index	23 %	23 %	ASTM D2863

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