

Teknor Apex ELEXAR® EL 8730 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-8730-Thermoplastic-Elastomer.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.24 g/cc	1.24 g/cc	ASTM D792
Melt Flow	9.7 g/10 min @Load 5.00 kg, Temperature 200 Â°C	9.7 g/10 min @Load 11.0 lb, Temperature 392 Â°F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	86	86	ASTM D2240
Tensile Strength, Yield	12.4 MPa	1800 psi	ASTM D412
Elongation at Break	590 %	590 %	ASTM D412

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	105 Â°C	221 Â°F	Continuous; UL-1581
Brittleness Temperature	-60.0 Â°C	-76.0 Â°F	ASTM D746
Oxygen Index	25 %	25 %	ASTM D2863

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