

Teknor Apex ELEXAR® EL 8451 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-8451-Thermoplastic-Elastomer.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.00 g/cc	1.00 g/cc	ASTM D792
Melt Flow	16.6 g/10 min @Load 2.16 kg, Temperature 230 Â°C	16.6 g/10 min @Load 4.76 lb, Temperature 446 Â°F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	82	82	ASTM D2240
Tensile Strength, Yield	16.7 MPa	2420 psi	ASTM D412
Elongation at Break	690 %	690 %	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	18 %	18 %	ASTM D2863

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China