

Teknor Apex Telcar® OBC 2419B Thermoplastic Elastomer

Category : Polymer , Thermoplastic , Elastomer, TPE , Thermoplastic Vulcanizate Elastomer (TPV)

Material Notes:

Notes: Telcar OBC has superior mechanical strength and higher elongation which will provide a tougher more durable finished product. Telcar OBC can be used in less demanding sealing applications. TPV offers a lower compression set and therefore superior sealing properties. Extrusion die swell is likely to be different from TPV's due to different chemistries used. Compounds supplied in natural color or black. Precoloring is available upon request. Information Provided by Teknor Apex

Order this product through the following link:

http://www.lookpolymers.com/polymer_Teknor-Apex-Telcar-OBC-2419B-Thermoplastic-Elastomer.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.970 g/cc	0.970 g/cc	ASTM D792
Melt Flow	0.300 g/10 min @Load 2.16 kg, Temperature 230 °C	0.300 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	75	75	ASTM D2240
Tensile Strength	6.55 MPa	950 psi	ASTM D412
Elongation at Break	545 %	545 %	ASTM D412
Compression Set	24 % @Temperature 22.8 °C, Time 79200 sec	24 % @Temperature 73.0 °F, Time 22.0 hour	ASTM D395B
	43 % @Temperature 70.0 °C, Time 79200 sec	43 % @Temperature 158 °F, Time 22.0 hour	ASTM D395B

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