

## Teknor Apex Telcar® OBC 2419A 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. A suffix denotes grades available without filler at a density of 0.89. 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-2419A-Thermoplastic-Elastomer.php](http://www.lookpolymers.com/polymer_Teknor-Apex-Telcar-OBC-2419A-Thermoplastic-Elastomer.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.930 g/cc	0.930 g/cc	ASTM D792
Melt Flow	1.00 g/10 min	1.00 g/10 min	ASTM D1238
	@Load 2.16 kg, Temperature 230 °C	@Load 4.76 lb, Temperature 446 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	61	61	ASTM D2240
Tensile Strength	7.826 MPa	1135 psi	ASTM D412
Elongation at Break	935 %	935 %	ASTM D412
Compression Set	22 %	22 %	ASTM D395B
	@Temperature 22.8 °C, Time 79200 sec	@Temperature 73.0 °F, Time 22.0 hour	
	42 %	42 %	ASTM D395B
	@Temperature 70.0 °C, Time 79200 sec	@Temperature 158 °F, Time 22.0 hour	

## Contact Songhan Plastic Technology Co.,Ltd.

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