

Evoprene™ G 618

Thermoplastic Elastomer

Mexichem Specialty Compounds Inc.

Message:

Evoprene™G 618 is a thermoplastic elastomer (TPE) product. It is available in North America or Europe.

Features include:

flame retardant/rated flame

Flame Retardant

General Information			
Additive	Flame retardancy		
Features	Flame retardancy		
RoHS Compliance	Contact manufacturer		
Appearance	Opacity		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Density	1.18	g/cm ³	ISO 1183
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shaw A, 10 seconds, 6.50mm)	40		ISO 868
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain, 2.00 mm)	0.900	MPa	ISO 37
Tensile Stress (Yield, 2.00 mm)	3.60	MPa	ISO 37
Tensile Elongation (Break, 2.00 mm)	550	%	ISO 37
Tear Strength ¹ (2.00 mm)	21	kN/m	ISO 34-1
Compression Set			ISO 815
22°C, 72 hr	15	%	ISO 815
70°C, 22 hr	29	%	ISO 815
100°C, 22 hr	49	%	ISO 815
Flammability	Nominal Value		Test Method
Flame Rating			UL 94
6.0 mm, BK	V-1		UL 94
6.0 mm, WT	V-1		UL 94
Additional Information			
The value listed as Density, ISO 1183, was tested in accordance with ISO 2782 test methods.M-S, Alpha Gary Test Method: 14 kg/cm ² M-S (Macklow Smith) flow measures force to extrude tape through die 10mm X 1mm. The higher the value the stiffer the flow (opposite to Melt Flow - MFI)Service Temperature: -40 to +120°C Ozone Resistance, 100 pphm, 200hrs, 20% strain, 35°C: No cracksOK for food contact: NoThermoplastic Compatability: PP			
NOTE			
1.	Method B, right-angle specimen (without cut)		

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