

Evoprene™ GC 073

Thermoplastic Elastomer

Mexichem Specialty Compounds Inc.

Message:

General purpose pp coextrudable. Window gasket.

General Information			
Features	General		
Uses	Washer		
RoHS Compliance	Contact manufacturer		
Appearance	Opacity		
Forms	Particle		
Processing Method	Co-extrusion molding		
Physical	Nominal Value	Unit	Test Method
Density	1.14	g/cm ³	ISO 1183
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shaw A, 10 seconds, 6.50mm)	60		ISO 868
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain, 2.00 mm)	1.80	MPa	ISO 37
Tensile Stress (Yield, 2.00 mm)	5.10	MPa	ISO 37
Tensile Elongation (Break, 2.00 mm)	740	%	ISO 37
Tear Strength ¹ (2.00 mm)	26	kN/m	ISO 34-1
Compression Set			ISO 815
22°C, 72 hr	16	%	ISO 815
70°C, 22 hr	88	%	ISO 815
100°C, 22 hr	94	%	ISO 815
Additional Information			
The value listed as Density, ISO 1183, was tested in accordance with ISO 2782 test methods.M-S, Alpha Gary Test Method: 11 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: -50 to +60°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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