

Evoprene™ GC 920

Thermoplastic Elastomer

Mexichem Specialty Compounds Inc.

Message:

Non black dynamic . Window gasket.

General Information			
Uses	Washer		
RoHS Compliance	Contact manufacturer		
Appearance	Opacity		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Density	1.01	g/cm ³	ISO 1183
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shaw A, 10 seconds, 6.50mm)	62		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)	6.20	MPa	ISO 37
Tensile Elongation (Break, 2.00 mm)	610	%	ISO 37
Tear Strength ¹ (2.00 mm)	28	kN/m	ISO 34-1
Compression Set			ISO 815
22°C, 72 hr	21	%	ISO 815
70°C, 22 hr	59	%	ISO 815
100°C, 22 hr	77	%	ISO 815
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air (70°C, 336 hr)	4.0	%	ISO 188
Change in Tensile Strain at Break in Air (70°C, 336 hr)	2.0	%	ISO 188
Change in Shore Hardness in Air (Shao A, 70°C, 336 hr)	0.0		ISO 188
Additional Information			
The value listed as Density, ISO 1183, was tested in accordance with ISO 2782 test methods.Abrasion, DIN 53516: 145 mm ³ M-S, Alpha Gary Test Method: 13 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 +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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