


FPM/305				
Material Data Sheet	Compound	FPM/305		Rev.0
	Designation	FPM		Jul. 2013

Material type: Fluoroelastomer Rubber 80 Shore A. Copolymer of vinylidene fluoride and hexafluoropropylene.
Complies with the requirements of FDA CFR21:177.2600.



Color: Green/Black
Temperature Range: Min. -30°C Max. +200°C
Storage recommendation: According to ISO 2230

Physical Properties	Unit	Test method	Value
Hardness, Shore A	pts	D2240	80 +/-5
Tensile strength	MPa	D412	>10
Ultimate Elongation	%	D412	>150
Specific gravity		D297	1,96
Heat Resistance, 70h at 275°C			
Change in Hardness	pts	D573	6
Change in Tensile strength	%	D573	-13
Change in Ultimate Elongation	%	D573	-9
Compression set, Method B			
22h at 200°C	%	D395	<50
EF 31 Fluid Resistance, Reference Fuel C, 70h at 23°C			
Change in Hardness	pts	D471	-3
Change in Tensile strength	%	D471	-20
Change in Ultimate Elongation	%	D471	-12

The results given in this datasheet are obtained on standard specimen following standard test procedures and are not comparable to finished products due to differences in the products profile. It is the customer's responsibility to evaluate parts prior to use in order to assure that parts will perform satisfactorily in their application.