

Generic Fluorelastomer

Fluoroelastomer

Generic

Message:

This data represents typical values that have been calculated from all products classified as: Generic Fluorelastomer
This information is provided for comparative purposes only.

General Information			
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.79 to 1.90	g/cm ³	ASTM D792
Apparent Density	1.82	g/cm ³	ASTM D1895
Mooney Viscosity	20 to 90	MU	ASTM D1646
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (23°C)	65 to 92		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain, 23°C)	1.77 to 7.77	MPa	ASTM D412
Tensile Strength			ASTM D412
Yield, 23°C	11.9 to 15.0	MPa	
Break, 23°C	6.89 to 24.7	MPa	
23°C	10.0 to 15.6	MPa	
Tensile Elongation (Break, 23°C)	170 to 330	%	ASTM D412
Tear Strength (23°C)	19.6 to 24.7	kN/m	ASTM D624
Compression Set	4.0 to 31	%	ASTM D395
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-26.0 to -17.0	°C	ASTM D746
Melting Temperature	120 to 222	°C	
Thermoset	Nominal Value	Unit	
Demold Time	10 to 1400	min	

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