

Generic EPDM

Ethylene Propylene Diene Terpolymer

Generic

Message:

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

General Information			
Physical	Nominal Value	Unit	Test Method
Specific Gravity			
--	0.858 - 0.873	g/cm³	ASTM D792
23°C	1.56 - 1.58	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/5.0 kg)	0.50 - 3.1	g/10 min	ASTM D1238
Mooney Viscosity	18 - 83	MU	ASTM D1646
Ethylene Content	49.5 - 71.0	wt%	
Ethylidene Norbornene (ENB) Content	3.8 - 8.3	wt%	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			
23°C	82 - 93		ASTM D2240
23°C	60 - 69		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 23°C)	5.00 - 14.1	MPa	ISO 527-2
Tensile Strain (Break, 23°C)	280 - 800	%	ISO 527-2
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity (23°C)	1.0E+14 - 1.0E+16	ohms·cm	IEC 60093
Extrusion	Nominal Value	Unit	
Cylinder Zone 1 Temp.	60.0 - 160	°C	
Cylinder Zone 2 Temp.	65.0 - 175	°C	
Cylinder Zone 3 Temp.	65.0 - 190	°C	
Cylinder Zone 4 Temp.	189 - 205	°C	
Die Temperature	214 - 215	°C	
Extrusion instructions			

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