

Generic TPO (POE) - Mineral

Thermoplastic Polyolefin Elastomer

Generic

Message:

This data represents typical values that have been calculated from all products classified as: Generic TPO (POE) - Mineral
This information is provided for comparative purposes only.

General Information			
Filler / Reinforcement	Mineral		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	0.940 to 1.13	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR)			
230°C/2.16 kg	0.50 to 31	g/10 min	ASTM D1238
230°C/2.16 kg	6.0 to 30	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 23°C)	16.0 to 24.1	MPa	ISO 527-2
Tensile Strain (Yield, 23°C)	4.0 to 14	%	ISO 527-2
Flexural Modulus (23°C)	900 to 2210	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	19 to 51	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	80.8 to 125	°C	ISO 75-2/B
1.8 MPa, Unannealed	47.0 to 57.2	°C	ISO 75-2/A
CLTE - Flow	4.4E-5 to 6.2E-5	cm/cm/°C	ASTM E228, ISO 11359-2

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