

GTPO™ 8102

Thermoplastic Polyolefin Elastomer

S&E; Specialty Polymers, LLC

Message:

GTPO™ 8102 is a Thermoplastic Polyolefin Elastomer (TPO (POE)) product. It is available in North America. Typical application: Wire & Cable.

Characteristics include:

Flame Rated

Flame Retardant

General Information			
Features	Flame Retardant		
	Low Smoke Emission		
Uses	Insulation		
	Wire & Cable Applications		
	Wire Jacketing		
Agency Ratings	CSA C-22.2 0.6 (V-0)		
Appearance	Colors Available		
	Natural Color		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.26	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 3 sec)	95		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	13.1	MPa	ASTM D638
Tensile Elongation (Break)	600	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	> -55.0	°C	ASTM D746
Electrical	Nominal Value	Unit	Test Method
Dielectric Constant (23°C, 1 kHz)	2.40		ASTM D150
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.59 mm)	V-0		UL 94
Oxygen Index	29	%	ASTM D2863

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