

GTPO™ 8101

Thermoplastic Polyolefin Elastomer

S&E; Specialty Polymers, LLC

Message:

GTPO™8101 is a polyolefin thermoplastic elastomer (TPO (POE)) product. It is available in North America. GTPO™8101 applications include wire and cable and automobile industries. The main features are: flame retardant.

General Information			
Features	Flame retardancy		
Uses	Wire and cable applications		
	Insulating material		
	Application in Automobile Field		
Agency Ratings	SAE J1128		
Appearance	Available colors		
	Natural color		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.10	g/cm³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 3 sec)	90		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	15.2	MPa	ASTM D412
Tensile Elongation (Break)	600	%	ASTM D412
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -65.0	°C	ASTM D746
Electrical	Nominal Value	Unit	Test Method
Dielectric Constant (23°C, 1 kHz)	2.30		ASTM D150
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	26	%	ASTM D2863
Additional Information			

Temperature Rating: 105°C Suggested Stock Temp: 200 to 225°C

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