

# GXL 10002 Series

Thermoplastic Polyolefin Elastomer

S&E; Specialty Polymers, LLC

Message:

GXL 10002 Series is a polyolefin thermoplastic elastomer (TPO (POE)) product. It is available in North America. Typical application areas are: wire and cable.

Features include:

Flame Retardant

Halogen-free

General Information			
Features	Halogen-free		
	Flame retardancy		
Uses	Wire and cable applications		
	Insulating material		
Appearance	Available colors		
	Natural color		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.34	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 3 sec)	92		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	12.4	MPa	ASTM D412
Tensile Elongation (Break)	600	%	ASTM D412
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -40.0	°C	ASTM D746
Electrical	Nominal Value	Unit	Test Method
Dielectric Constant	3.30		ASTM D150
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	30	%	ASTM D2863
Additional Information			
Suggested Stock Temperature: 155-185°FTemperature Rating: 105°C			

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Recommended distributors for this material

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