

GTPO™ 8201

Thermoplastic Polyolefin Elastomer

S&E; Specialty Polymers, LLC

Message:

GTPO™8201 is a polyolefin thermoplastic elastomer (TPO (POE)) product. It is available in North America. GTPO™8201 application areas include engineering/industrial accessories, hats/caps/corks, sealing applications, automotive industry and hoses.

General Information			
Uses	Washer		
	Pipe		
	Shield		
	Seals		
	Application in Automobile Field		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.958	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR)	0.80	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	11.0	MPa	ASTM D638
Tensile Elongation (Break)	500	%	ASTM D638
Flexural Modulus	41.4	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Drop Impact Resistance	7.47	J/cm	ASTM D4226
Thermal	Nominal Value	Unit	Test Method
RTI Elec	105	°C	UL 746
RTI Imp	105	°C	UL 746
RTI	105	°C	UL 746
Electrical	Nominal Value		Test Method
Dielectric Constant (23°C, 1 kHz)	2.30		ASTM D150
Additional Information			

Suggested Stock Temperature: 410-450°FThe value listed as Dart Impact Resistance ASTM D4226, was tested in accordance with ASTM D3029.

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