

GTPO™ 8190

Thermoplastic Polyolefin Elastomer

S&E; Specialty Polymers, LLC

Message:

GTPO™8190 is a polyolefin thermoplastic elastomer (TPO (POE)) product. It is available in North America. GTPO™8190 application areas include engineering/industrial accessories, hats/caps/corks and sealing applications.

General Information			
Uses	Wheels		
	Washer		
	Shield		
	Seals		
Appearance	Available colors		
	Natural color		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.878	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR)	0.40	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	8.27	MPa	ASTM D638
Tensile Elongation (Break)	500	%	ASTM D638
Flexural Modulus	179	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Drop Impact Resistance	10.7	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)	2.20		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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