

GTPO™ 8280

Thermoplastic Polyolefin Elastomer

S&E; Specialty Polymers, LLC

Message:

GTPO™8280 is a polyolefin thermoplastic elastomer (TPO (POE)) product. It is available in North America. GTPO™8280 application areas include engineering/industrial accessories, hats/caps/corks, automotive industry and handles.

General Information			
Uses	Wheels		
	Washer		
	Shield		
	Application in Automobile Field		
	Soft handle		
Appearance	Available colors		
	Natural color		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.880	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR)	0.40	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	10.3	MPa	ASTM D638
Tensile Elongation (Break)	500	%	ASTM D638
Flexural Modulus	68.9	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Drop Impact Resistance	11.7	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)	2.30		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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