

# GPP™ 1020

Thermoplastic Polyolefin Elastomer

S&E; Specialty Polymers, LLC

## Message:

GPP™1020 is a polyolefin thermoplastic elastomer (TPO (POE)) product. It is available in North America. The main characteristics are: halogen-free.

General Information			
Features	Halogen-free		
Appearance	Available colors		
	Natural color		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.40	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR)	4.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	12.1	MPa	ASTM D638
Fracture	10.7	MPa	ASTM D638
Tensile Elongation (Break)	200	%	ASTM D638
Flexural Modulus	1310	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Drop Impact Resistance	3.20	J/cm	ASTM D4226
Electrical	Nominal Value	Unit	Test Method
Dielectric Constant (23°C, 1 kHz)	2.25		ASTM D150
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	37	%	ASTM D2863
Additional Information			

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

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## Recommended distributors for this material

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