

# GPP™ 1020E

Thermoplastic Polyolefin Elastomer

S&E; Specialty Polymers, LLC

Message:

GPP™1020E is a polyolefin thermoplastic elastomer (TPO (POE)) product. It is available in North America. GPP™Application areas of 1020E include wire and cable and electrical/electronic applications.

Features include:

Flame Retardant

Halogen-free

General Information			
Features	Halogen-free		
	Flame retardancy		
Uses	Wire and cable applications		
	Insulating material		
	Communication application		
Appearance	Available colors		
	Natural color		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.02	g/cm³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness	100		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	14.5	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield	5.0	%	ASTM D638
Fracture	100	%	ASTM D638
Electrical	Nominal Value	Unit	Test Method
Dielectric Constant	2.20		ASTM D150
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	31	%	ASTM D2863
Additional Information			

Suggested Stock Temperature: 190-220°FTemperature Rating: 90°C

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