

# GPE™ 2003E

Thermoplastic Polyolefin Elastomer

S&E; Specialty Polymers, LLC

Message:

GPE™2003E is a polyolefin thermoplastic elastomer (TPO (POE)) product. It is available in North America. GPE™The application areas of 2003E include wire and cable and foam.

Features include:  
flame retardant/rated flame  
Flame Retardant

General Information			
Features	Foamable property		
	Flame retardancy		
Uses	Wire and cable applications		
	Wire sheath		
	Insulating material		
	Foam		
Appearance	Available colors		
	Natural color		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.35	g/cm³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 3 sec)	95		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	12.4	MPa	ASTM D412
Tensile Elongation (Break)	650	%	ASTM D412
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -55.0	°C	ASTM D746
Electrical	Nominal Value	Unit	Test Method
Dielectric Constant (23°C, 1 kHz)	2.20		ASTM D150
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.59 mm)	V-0		UL 94
Oxygen Index	28	%	ASTM D2863
Additional Information			
Temperature Rating: 90°C Suggested Stock Temperature: 200 to 220°C			

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Recommended distributors for this material

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