

GPP™ 1001V0E

Thermoplastic Polyolefin Elastomer

S&E; Specialty Polymers, LLC

Message:

GPP™1001V0E is a polyolefin thermoplastic elastomer (TPO (POE)) product. It is available in North America. GPP™The application areas of 1001V0E include wire and cable and movies.

Features include:
flame retardant/rated flame
Flame Retardant

General Information			
Features	Flame retardancy		
Uses	Films		
	Wire and cable applications		
Appearance	Available colors		
	Natural color		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.978	g/cm³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 3 sec)	100		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	20.7	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield	5.0	%	ASTM D638
Fracture	200	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
RTI Elec	115	°C	UL 746
RTI Imp	115	°C	UL 746
RTI	115	°C	UL 746
Electrical	Nominal Value	Unit	Test Method
Dielectric Constant (23°C, 1 kHz)	2.25		ASTM D150
Flammability	Nominal Value	Unit	Test Method
Flame Rating (0.794 mm)	V-0		UL 94
Oxygen Index	30	%	ASTM D2863
Additional Information			

Suggested Stock Temp: 190 to 215°C

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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