

S&E; Wire & Cable GPE2001F-ROHS

Polyethylene

S&E; Specialty Polymers, LLC

Message:

GPE2001F-ROHS is flame retardant polyethylene compound designed for wire and cable applications. GPE2001F-ROHS complies with RoHS requirements. GPE2001F-ROHS is suitable for 75°C continuous use and 100°C Max intermittent temperature application.

General Information			
Features	Flame Retardant		
Uses	Wire & Cable Applications		
RoHS Compliance	RoHS Compliant		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.39 to 1.45	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.5 to 6.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus	241	MPa	ASTM D790
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Break)	> 7.58	MPa	ASTM D412
Tensile Elongation (Break)	> 75	%	ASTM D412
Thermal	Nominal Value	Unit	Test Method
Continuous Use Temperature	75.0	°C	
Melting Temperature	85.0 to 125	°C	DSC
Maximum Continuous Use Temperature - Intermittent	100	°C	
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	> 28	%	ASTM D2863

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