

AuroraGuard™ GPE2001FROHS

Aurora Material Solutions, LLC - Polyethylene

General Information

Product Description

GPE2001FROHS is a flame-retardant polyethylene-based compound designed for Wire & Cable applications and is formulated to comply with the RoHS Directive. GPE2001FROHS is suitable for 75°C continuous use and with and a 100°C maximum intermittent temperature application.

Note: Additional custom color matching is available upon request.

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East	• Europe	• North America
	• Asia Pacific	• Latin America	
Additive	• Flame Retardant		
Features	• Flame Retardant		
Uses	• Wire & Cable Applications		
RoHS Compliance	• RoHS Compliant		
Appearance	• Colors Available		

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.38 to 1.44		ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	3.0 to 10	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	1200	psi	ASTM D638
Tensile Elongation (Break)	75	%	ASTM D638
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	28	%	ASTM D2863

