



AuroraGuard™ GPE3003-70

Aurora Material Solutions, LLC - Low Density Polyethylene

General Information

Product Description

Flame Retardant Concentrate in Linear Low-Density Polyethylene

Note: Additional custom color matching is available upon request.

GPE3003-70 is a 70% active, PE based flame retardant concentrate with a 1.80 g/cm³ Gravity and Melt Flow Index of 7g/10 minutes designed to impart flame resistance to polyolefin. Dependent upon let-down ratio in extrusion or molding grade resins, GPE3003-70 can provide a range of V-2 to V-0 flammability UL-94 ratings.

GPE3003-70 can be formulated to comply with RoHS requirements as well as with or without a UV package.

GPE3003-70 performance in a specific resin system may be submitted to Underwriters Laboratories for confirmatory UL Recognition.

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East	• Europe	• North America
Additive	• Asia Pacific		
Features	• Flame Retardant		
Uses	• Flame Retardant		
RoHS Compliance	• Concentrate		
Appearance	• RoHS Compliant		
Processing Method	• Colors Available		
	• Extrusion		

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	0.180		
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	7.0	g/10 min	
Flammability	Nominal Value	Unit	Test Method
Flame Rating	•	V-2	UL 94
	•	V-1	
	•	V-0	

Notes

¹ Typical properties: these are not to be construed as specifications.

