

AuroraGuard™ GPE300393Aurora Material Solutions, LLC - *High Density (HMW) Polyethylene***General Information****Product Description**

Flame Retardant Concentrate in High Density Polyethylene

Note: Additional custom color matching is available upon request.

GPE3003-93 is a 50% active, PE based flame retardant concentrate with a 1.50 g/cm³ Gravity and Melt Flow Index of 0.5g/10 minutes designed to impart flame resistance to polyolefin. Dependent upon let-down ratio in extrusion or molding grade resins, GPE3003-93 can provide a range of V-2 to V-1 flammability UL-94 ratings.

GPE3003-93 can be formulated to comply with RoHS requirements as well as with or without a UV package.

GPE3003-93 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 • Asia Pacific	• Europe • Latin America	• North America
Additive	• Flame Retardant		
Features	• Flame Retardant		
Uses	• Concentrate		
RoHS Compliance	• RoHS Compliant		
Appearance	• Colors Available		
Processing Method	• Extrusion		

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.50		
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.50	g/10 min	
Flammability	Nominal Value	Unit	Test Method
Flame Rating	• V-2 • V-1		UL 94

Notes

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

