



## AuroraGuard™ GPE300393

Aurora 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/cm<sup>3</sup> 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	• Europe	• North America
• Asia Pacific			• Latin America
Additive	• Flame Retardant		
Features	• Flame Retardant		
Uses	• Concentrate		
RoHS Compliance	• RoHS Compliant		
Appearance	• Colors Available		
Processing Method	• Extrusion		

### Properties <sup>1</sup>

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	UL 94
	•	V-1	

### Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.

