

AuroraGuard™ GPP3003FD

Aurora Material Solutions, LLC - Polyethylene

General Information

Product Description

Flame Retardant Concentrate in Polyethylene

Note: Additional custom color matching is available upon request.

GPP3003FD is a PE based, flame retardant concentrate, with 1.61 g/cm³ nominal density, designed to impart flame resistance to polyolefin. Dependent upon let down ratio in extrusion or molding grade resins, GPP3003FD can provide a range of V 2 to V 0 flammability UL 94 ratings.

General

Material Status	<ul style="list-style-type: none"> Commercial: Active 		
Availability	<ul style="list-style-type: none"> Africa & Middle East Asia Pacific 	<ul style="list-style-type: none"> Europe Latin America 	<ul style="list-style-type: none"> North America
Additive	<ul style="list-style-type: none"> Flame Retardant 		
Features	<ul style="list-style-type: none"> Flame Retardant 		
Uses	<ul style="list-style-type: none"> Aerospace Applications Agricultural Applications Appliances Automotive Applications 	<ul style="list-style-type: none"> Consumer Applications Electrical/Electronic Applications Energy Storage Fencing & Decking 	<ul style="list-style-type: none"> Medical/Healthcare Applications Rail Applications Siding Applications
Appearance	<ul style="list-style-type: none"> Colors Available 		
Processing Method	<ul style="list-style-type: none"> Extrusion 		

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.61		ASTM D792
Bromine Content - FR	40 to 50	%	
Flammability	Nominal Value	Unit	Test Method
Flame Rating	<ul style="list-style-type: none"> V-2 V-1 V-0 		UL 94
Additional Information	Nominal Value	Unit	Test Method
Antimony Trioxide	10 to 20	%	
Polyethylene Count	35 to 45	%	

