

AuroraGuard™ GPP1001V0MHCO15

Aurora Material Solutions, LLC - Polypropylene

General Information
Product Description

A UL 94 V 0 rated Flame Retardant/Impact Resistant Polypropylene Compound.

Note: Additional custom color matching is available upon request.

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 	<ul style="list-style-type: none"> Good Impact Resistance 	
Uses	<ul style="list-style-type: none"> Appliance Components Batteries 	<ul style="list-style-type: none"> Electrical/Electronic Applications Industrial Applications 	
Appearance	<ul style="list-style-type: none"> Colors Available 		

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	0.982 to 1.02		ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	13 to 17	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	2700	psi	ASTM D638
Tensile Elongation (Break)	250	%	ASTM D638
Flexural Modulus - Tangent	175000	psi	ASTM D790B
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	1.5	ft·lb/in	ASTM D256
Instrumented Dart Impact	175	in·lb	ASTM D5420
Flammability	Nominal Value	Unit	Test Method
Flame Rating (0.06 in)	V-0		UL 94
Oxygen Index	28	%	ASTM D2863

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