

AuroraGuard™ 9175FRV0

Aurora Material Solutions, LLC - Polypropylene

General Information
Product Description

A polypropylene compound designed for injection molded industrial battery, electrical housing or appliance applications. It affords medium impact resistance with a high level of flame retardancy.

Note: Additional custom color matching is available upon request.

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East	• Europe	• North America
	• Asia Pacific	• Latin America	
Features	• Flame Retardant	• Medium Impact Resistance	
Uses	• Appliances	• Compounding	
	• Batteries	• Electrical Housing	
Appearance	• Colors Available		
Processing Method	• Injection Molding		

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	0.982		ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	3.0 to 7.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	2700	psi	ASTM D638
Flexural Modulus - Tangent	175000	psi	ASTM D790B
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	1.7	ft·lb/in	ASTM D256
Instrumented Dart Impact	180	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.

