

AuroraGuard™ GTPO8290-GT10

Aurora Material Solutions, LLC - Polyethylene

General Information
Product Description

An economical 80 C, Low Smoke, Zero Halogen, Flame Retardant Polyethylene Compound for extrusion applications Exhibits excellent processing characteristics at low temperature profile and lower motor load

Note: Additional custom color matching is available upon request.

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Additive	• Flame Retardant		
Features	• Excellent Processability • Flame Retardant	• Halogen Free • Low Smoke Emission	• Low Temperature Toughness
Uses	• Aerospace Applications • Agricultural Applications • Appliances • Automotive Applications	• Consumer Applications • Electrical/Electronic Applications • Energy Storage • Fencing & Decking	• Medical/Healthcare Applications • Rail Applications • Siding Applications
Appearance	• Colors Available		
Processing Method	• Extrusion		

Properties ¹

	Nominal Value	Unit	Test Method
Physical			
Density / Specific Gravity	1.28 to 1.32		ASTM D792
Mechanical			
Tensile Strength	1700	psi	ASTM D638
Tensile Elongation (Break)	350	%	ASTM D638
Hardness			
Durometer Hardness (Shore A)	94 to 100		ASTM D2240
Thermal			
Brittleness Temperature	-4.00	°F	ASTM D746
Flammability			
Oxygen Index	32	%	ASTM D2863

