

AuroraGuard™ F66525GF

Aurora Material Solutions, LLC - Polyamide 66

General Information
Product Description

Flame Retardant Nylon 66 with 25% Glass Reinforced

Formerly known as EnLon F66525GF

General

Material Status	• Commercial: Active
Availability	• Africa & Middle East • Europe • North America • Asia Pacific • Latin America
Filler / Reinforcement	• Glass Fiber, 25% Filler by Weight
Additive	• Flame Retardant
Features	• Flame Retardant
Uses	• Automotive Applications • Industrial Applications • Material Handling
Appearance	• Black • Colors Available • Natural Color
Processing Method	• Injection Molding

Properties ¹

	Nominal Value	Unit	Test Method
Physical			
Density / Specific Gravity	1.34		ASTM D792
Mechanical			
Tensile Strength (Yield)	19000	psi	ASTM D638
Tensile Elongation (Break)	3.0	%	ASTM D638
Flexural Modulus	1.00E+6	psi	ASTM D790
Impact			
Notched Izod Impact	1.3	ft·lb/in	ASTM D256
Thermal			
Deflection Temperature Under Load (66 psi, Unannealed)	469	°F	ASTM D648
Deflection Temperature Under Load (264 psi, Unannealed)	450	°F	ASTM D648
Flammability			
Flame Rating			UL 94
0.06 in	V-0		
0.12 in	V-0		
Additional Information			
Filler Content	25	%	

