

AuroraGuard™ GTPE-9070J-34

Aurora Material Solutions, LLC - *Thermoplastic Elastomer Alloy*
General Information
Product Description

A 105 C rated, UV and oil resistant, matte finish, TPE Alloy jacketing compound designed for FT4 and Riser applications.

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East	• Europe	• North America
	• Asia Pacific	• Latin America	
Features	• Oil Resistant	• UV Resistant	
Uses	• Cable Jacketing		
Appearance	• Matte Finish		

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.27 to 1.33		ASTM D792
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength	1800	psi	ASTM D412
Tensile Elongation (Break)	500	%	ASTM D412
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	76 to 82		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-79.6	°F	ASTM D746
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength			UL Unspecified
212°F, 96 hr, in Oil	-15	%	
277°F, 168 hr	-5.0	%	
Change in Ultimate Elongation			UL Unspecified
212°F, 96 hr, in Oil	-15	%	
277°F, 168 hr	-20	%	
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	34	%	ASTM D2863
Additional Information	Nominal Value	Unit	Test Method
Fungal Resistance	0.00 to 1.00		ASTM G21

