

AuroraFlex™ GTPE-9070J-34LT

Aurora Material Solutions, LLC - *Thermoplastic Elastomer*

General Information

Product Description

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

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	• Oil Resistant • UV Resistant
Uses	• Jacketing
Appearance	• Colors Available • Matte Finish
Processing Method	• Extrusion

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.43 to 1.49		ASTM D792
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength	2310	psi	ASTM D412
Tensile Elongation (Break)	300	%	ASTM D412
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	67 to 73		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature ²	-9.40	°F	ASTM D746
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength (212°F, 96 hr, in Oil)	20	%	UL Unspecified
Change in Ultimate Elongation (212°F, 96 hr, in Oil)	-24	%	UL Unspecified
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	34	%	ASTM D2863

Notes

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

² 5°C improvement from the original version

