

AuroraFlex™ GA-7056FR

Aurora Material Solutions, LLC - Polyvinyl Chloride

General Information
Product Description

A 80°C PVC based for flexible jacketing material UL listed for 720hours sunlight resistance. Designed for UL 62, Class 12 application, underground feeder, telephone and general purpose applications. Suitable for use in SAE J1128, Type GPT insulation and jacket

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	• Good Flexibility • Sunlight Resistant (720 hours)
Uses	• Insulation • Jacketing • Wire & Cable Applications
Processing Method	• Profile Extrusion

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.35 to 1.41		ASTM D792
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Break)	2490	psi	ASTM D412
Tensile Elongation (Break)	300	%	ASTM D412
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	72 to 78		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-13.0	°F	ASTM D746
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength			UL Unspecified
212°F, 240 hr	5.0	%	
235°F, 168 hr	0.0	%	
Change in Ultimate Elongation			UL Unspecified
212°F, 240 hr	-12	%	
235°F, 168 hr	-14	%	
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	27	%	ASTM D2863

Processing Information

Extrusion	Nominal Value	Unit
Cylinder Zone 1 Temp.	325	°F
Cylinder Zone 2 Temp.	330	°F
Cylinder Zone 3 Temp.	340	°F
Cylinder Zone 4 Temp.	350	°F
Melt Temperature	335 to 340	°F
Die Temperature	355 to 360	°F

