

AuroraFlex™ GA-8705-31LT

 Aurora Material Solutions, LLC - *Polyvinyl Chloride*
General Information
Product Description

A 60°C rated, FR PVC based compound with good low temperature properties designed for fiber optic 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
Additive	• Flame Retardant
Features	• Flame Retardant
Uses	• Fiber Optic Cable
Appearance	• Colors Available
Processing Method	• Extrusion

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.24 to 1.30		ASTM D792
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength	3310	psi	ASTM D412
Tensile Elongation (Break)	250	%	ASTM D412
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 15 sec)	41 to 47		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-32.8	°F	ASTM D746
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	31	%	ASTM D2863

Processing Information

Extrusion	Nominal Value	Unit
Melt Temperature	360	°F

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