

AuroraFlex™ GA2285FR

Aurora Material Solutions, LLC - Polyvinyl Chloride

General Information
Product Description

A 80°C rated , clear PVC flame retardant jacketing and insulation compound.

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	• Insulation	• Jacketing	
Appearance	• Clear/Transparent	• Colors Available	

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.26 to 1.32		ASTM D792
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Break)	3000	psi	ASTM D412
Tensile Elongation (Break)	400	%	ASTM D412
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	82 to 88		ASTM D2240
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength (212°F, 240 hr)	7.0	%	
Change in Ultimate Elongation (212°F, 240 hr)	-19	%	
Flammability	Nominal Value	Unit	Test Method
Oxygen Index (0.125 in)	26	%	ASTM D2863

Processing Information

Extrusion	Nominal Value	Unit
Cylinder Zone 1 Temp.	300 to 345	°F
Cylinder Zone 2 Temp.	300 to 345	°F
Cylinder Zone 3 Temp.	300 to 345	°F
Cylinder Zone 4 Temp.	300 to 345	°F
Melt Temperature	320 to 330	°F
Die Temperature	350 to 355	°F

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