

AuroraFlex™ G4275F

Aurora Material Solutions, LLC - Polyvinyl Chloride

General Information

Product Description

A flame retardant, RoHS Compliant, jacketing material.

Note: Additional custom color matching is available upon request.

General

Material Status	• Commercial: Active
Availability	• Africa & Middle East • Europe • Asia Pacific • Latin America • North America
Additive	• Flame Retardant
Features	• Flame Retardant
Uses	• Jacketing
RoHS Compliance	• RoHS Compliant
Appearance	• Colors Available

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.36 to 1.43		ASTM D792
Melt Mass-Flow Rate (MFR) (175°C/10.0 kg)	12	g/10 min	ASTM D1238
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	986	psi	ASTM D638
Tensile Strength ²	2200	psi	ASTM D412
Tensile Elongation ² (Break)	400	%	ASTM D412
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	72 to 78		ASTM D2240
Flammability	Nominal Value	Unit	Test Method
Oxygen Index (0.125 in)	26	%	ASTM D2863

Processing Information

Extrusion	Nominal Value	Unit
Cylinder Zone 1 Temp.	310	°F
Cylinder Zone 2 Temp.	320	°F
Cylinder Zone 3 Temp.	330	°F
Cylinder Zone 4 Temp.	340	°F
Melt Temperature	340	°F
Die Temperature	345 to 350	°F

Notes

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

² Die C

