

AuroraFlex™ GA1021-CJ

Aurora Material Solutions, LLC - Polyvinyl Chloride

General Information

Product Description

A 75°C PVC based for wire types CMR, CL2 and FPLR 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	• North America
	• Asia Pacific	• Latin America	
Additive	• Flame Retardant		
Features	• Flame Retardant		
Uses	• Jacketing	• Wire & Cable Applications	
RoHS Compliance	• RoHS Compliant		
Appearance	• Colors Available		

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.38 to 1.44		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)	89 to 95		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	12.2	°F	ASTM D746
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength (212°F, 240 hr)	5.0	%	ASTM D412
Change in Ultimate Elongation (212°F, 240 hr)	-23	%	ASTM D412
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	31	%	ASTM D2863

Notes

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

