

AuroraFlex™ GA-509-80-5

Aurora Material Solutions, LLC - Polyvinyl Chloride

General Information
Product Description

A 90°C UV, 720 hour listed, RoHS compliant, flame retardant PVC based jacketing compound.

General

Material Status	• Commercial: Active
Availability	• Africa & Middle East • Europe • North America • Asia Pacific • Latin America
Features	• Flame Retardant • UV Resistant
Uses	• Jacketing
RoHS Compliance	• RoHS Compliant
Processing Method	• Compounding

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.43		ASTM D792
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Break)	2000	psi	ASTM D412
Tensile Elongation (Break)	250	%	ASTM D412
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	90		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-11.2	°F	ASTM D746
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength			UL Unspecified
158°F, 4 hr, in Oil	-7.0	%	
250°F, 168 hr	0.0	%	
Change in Ultimate Elongation			UL Unspecified
158°F, 4 hr, in Oil	-20	%	
250°F, 168 hr	-12	%	
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	28	%	ASTM D2863

Processing Information

Extrusion	Nominal Value	Unit
Melt Temperature	340 to 355	°F

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