

AuroraFlex™ GA-1030

Aurora Material Solutions, LLC - Polyvinyl Chloride

General Information
Product Description

60°C thin wall, 90 degree heavy wall insulation and REA PE 220 telephone insulation applications.

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East	• Europe	• North America
	• Asia Pacific	• Latin America	
Uses	• Insulation		
		• Telephone Insulation	

Properties ¹

	Nominal Value	Unit	Test Method
Physical			
Density / Specific Gravity	1.29 to 1.33		ASTM D792
Elastomers			
Tensile Stress (100% Strain)	1350	psi	ASTM D412
Tensile Strength (Break)	3500	psi	ASTM D412
Tensile Elongation (Break)	270	%	ASTM D412
Hardness			
Durometer Hardness (Shore A, 15 sec)	62 to 68		ASTM D2240
Thermal			
Brittleness Temperature	14.0	°F	ASTM D746
Aging			
Change in Tensile Strength (212°F, 168 hr)	-5.0	%	UL Unspecified
Change in Ultimate Elongation (212°F, 168 hr)	-18	%	UL Unspecified
Electrical			
Dielectric Constant (1 kHz)	4.25		ASTM D150
Flammability			
Oxygen Index	28	%	ASTM D2863

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