

AuroraFlex™ 22004F

Aurora Material Solutions, LLC - Flexible Polyvinyl Chloride

General Information

Product Description

A 75°C, UV resistant PVC jacketing material designed for applications like NM-B.

General

Material Status	• Commercial: Active
Availability	• Africa & Middle East • Europe • North America • Asia Pacific • Latin America
Features	• UV Resistant
Uses	• Jacketing
Appearance	• Colors Available
Processing Method	• Extrusion

Properties ¹

	Nominal Value	Unit	Test Method
Physical			
Density / Specific Gravity	1.41		ASTM D792
Elastomers			
Tensile Stress (100% Strain)	1400	psi	ASTM D412
Tensile Strength	2300	psi	ASTM D412
Tensile Elongation (Break)	300	%	ASTM D412
Hardness			
Durometer Hardness (Shore A, 15 sec)	86		ASTM D2240
Thermal			
Brittleness Temperature	5.00	°F	ASTM D746
Aging			
Change in Tensile Strength in Air (212°F, 240 hr)	12	%	ASTM D573
Change in Ultimate Elongation in Air (212°F, 240 hr)	-32	%	ASTM D573
Flammability			
Oxygen Index ²	25	%	ASTM D2863

Processing Information

	Nominal Value	Unit
Extrusion		
Cylinder Zone 1 Temp.	325	°F
Cylinder Zone 2 Temp.	330	°F
Cylinder Zone 3 Temp.	335	°F
Cylinder Zone 4 Temp.	335	°F
Melt Temperature	335 to 345	°F
Die Temperature	340 to 350	°F

