

AuroraFlex™ CPE 12-020UVBLN

Aurora Material Solutions, LLC - Chlorinated Polyethylene

General Information

Product Description

A 90°C, UV and Oil Resistant; CPE based FT4, (210k BTU) Wire & Cable jacketing compound with enhanced low temperature properties.

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	
Features	• Oil Resistant	• UV Resistant	
Uses	• Cable Jacketing	• Wire & Cable Applications	• Wire Jacketing
Appearance	• Colors Available		
Processing Method	• Extrusion		

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.32 to 1.38		ASTM D792
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength	2200	psi	ASTM D412
Tensile Elongation (Break)	440	%	ASTM D412
Compression Set	20	%	ASTM D395
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	80 to 86		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-32.8	°F	ASTM D746
Deformation - 121°C/2kg	19	%	UL Unspecified
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air (250°F, 168 hr)	90	%	UL Unspecified
Change in Ultimate Elongation in Air (250°F, 168 hr)	90	%	UL Unspecified
Change in Tensile Strength (212°F, 96 hr, in Oil)	68	%	UL Unspecified
Change in Ultimate Elongation (212°F, 96 hr, in Oil)	75	%	UL Unspecified
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	37	%	ASTM D2863

Notes

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

