

AuroraFlex™ CPE-14-009

Aurora Material Solutions, LLC - Chlorinated Polyethylene

General Information

Product Description

A Chlorinated PE TPO based compound suitable for Wire and Cable applications.

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	
Uses	• Wire & Cable Applications		
Appearance	• Colors Available		

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.25		ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/21.6 kg)	15	g/10 min	ASTM D1238
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength	1650	psi	ASTM D412
Tensile Elongation (Break)	700	%	ASTM D412
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	86		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -67.0	°F	ASTM D746
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength (250°F, 168 hr)	85	%	ASTM D471
Change in Ultimate Elongation (250°F, 168 hr)	110	%	ASTM D471
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	32	%	ASTM D2863

Notes

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

