

AuroraFlex™ CPE 6003

Aurora Material Solutions, LLC - Chlorinated Polyethylene

General Information

Product Description

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

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Uses	• Wire & Cable Applications		
Appearance	• Colors Available		
Processing Method	• Extrusion		

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.31		ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/21.6 kg)	8.0	g/10 min	ASTM D1238
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength	1800	psi	ASTM D412
Tensile Elongation (Break)	800	%	ASTM D412
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness ² (Shore A)	86		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-67.0	°F	ASTM D746
Deformation ³ (250°F)	22	%	UL 2556
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	31	%	ASTM D2863

Notes

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

² Thermoplastic

³ 2000g

