

AuroraFlex™ GTPO 8102BAH

Aurora Material Solutions, LLC - *Compounded Polypropylene*

General Information

Product Description

High flow TPO compound for insulation and jacketing designed for ribbon cable applications. The compound is formulated to meet UL VW 1 testing as well as the CSA test C22 2 No. 0.6 flame test.

General

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

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.20		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (200% Strain)	1000	psi	ASTM D638
Tensile Strength (Break)	1800	psi	ASTM D638
Tensile Elongation (Break)	500	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	95		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-52.6	°F	ASTM D746
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength (302°F, 168 hr)	-7.0	%	UL 1581
Change in Ultimate Elongation (302°F, 168 hr)	-28	%	UL 1581
Flammability	Nominal Value	Unit	Test Method
Oxygen Index ²	26	%	ASTM D2863

Notes

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

² Value is intended for reference only

