

AuroraFlex™ GTPO8290

Aurora Material Solutions, LLC - *Ethylene Propylene Diene Terpolymer*

General Information

Product Description

A 105°C rated, EPDM based flexible polyolefin compound designed for Wire & Cable insulation and jacketing applications. Compound is formulated with excellent deformation characteristics and is found acceptable in thick wall tubing applications (SE, SJE).

Note: Additional custom color matching is available upon request.

General

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

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	0.852 to 0.912		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	1490	psi	ASTM D638
Tensile Elongation (Break)	500	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	77 to 83		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -67.0	°F	ASTM D746
Electrical	Nominal Value	Unit	Test Method
Dielectric Constant	2.30		ASTM D1531

Processing Information

Extrusion	Nominal Value	Unit
Melt Temperature	410 to 450	°F

Notes

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

