

AuroraFlex™ GF55TGF

Aurora Material Solutions, LLC - Polyvinyl Chloride

General Information

Product Description

PVC/NBR alloy developed for flexible tubing and pipe application with excellent oil and grease resistance. This material has an operating temperature of 80°C to -45°C

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
Uses	• Piping • Tubing
Appearance	• Colors Available

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.13 to 1.19		ASTM D792
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength	1490	psi	ASTM D412
Tensile Elongation (Break)	350	%	ASTM D412
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	52 to 58		ASTM D2240
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength (235°F, 168 hr)	10	%	UL Unspecified
Change in Ultimate Elongation (235°F, 168 hr)	-20	%	UL Unspecified
Additional Information	Nominal Value	Unit	Test Method
Operating Temperature	-49 to 176	°F	

Notes

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

