

## AuroraFlex™ GF70TGF

Aurora Material Solutions, LLC - Polyvinyl Chloride

### General Information

#### Product Description

A 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	• Good Flexibility	• Grease Resistant	• Oil Resistant
Uses	• Piping	• Tubing	
Appearance	• Colors Available		
Processing Method	• Extrusion		

### Properties <sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.15 to 1.21		ASTM D792
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength	1700	psi	ASTM D412
Tensile Elongation (Break)	410	%	ASTM D412
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	67 to 73		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-49.0	°F	ASTM D746
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength (235°F, 168 hr)	110	%	ASTM D471
Change in Ultimate Elongation (235°F, 168 hr)	85	%	ASTM D471

### Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.

