

**AuroraFlex™ GF1805BF**

Aurora Material Solutions, LLC - *Polyvinyl Chloride*
**General Information**
**Product Description**

PVC/NBR alloy developed for molding flexible boots application with good oil and grease resistance. This material has an operating temperature of 80°C to -40°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	• Footwear		
Appearance	• Colors Available		

**Properties <sup>1</sup>**

<b>Physical</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Density / Specific Gravity	0.982 to 1.50		ASTM D792
<b>Elastomers</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Tensile Strength	1490	psi	ASTM D412
Tensile Elongation (Break)	350	%	ASTM D412
<b>Hardness</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Durometer Hardness (Shore A, 15 sec)	52 to 58		ASTM D2240
<b>Additional Information</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Operating Temperature	-40 to 176	°F	

