

**AuroraFlex™ 18072**

Aurora Material Solutions, LLC - Flexible Polyvinyl Chloride

**General Information**
**Product Description**

A PVC-based compound suitable for general-purpose extrusion applications with good low temperature properties.

**General**

Material Status	• Commercial: Active
Availability	• Africa & Middle East • Europe • North America • Asia Pacific • Latin America
Uses	• General Purpose
Appearance	• Colors Available
Processing Method	• Extrusion

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

<b>Physical</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Density / Specific Gravity	1.33		ASTM D792
<b>Elastomers</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Tensile Strength	2000	psi	ASTM D412
Tensile Elongation (Break)	400	%	ASTM D412
<b>Hardness</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Durometer Hardness (Shore A, 15 sec)	65		ASTM D2240
<b>Thermal</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Brittleness Temperature	-54.4	°F	ASTM D746

**Processing Information**

<b>Extrusion</b>	<b>Nominal Value</b>	<b>Unit</b>
Cylinder Zone 1 Temp.	315	°F
Cylinder Zone 2 Temp.	320	°F
Cylinder Zone 3 Temp.	325	°F
Cylinder Zone 4 Temp.	330	°F
Cylinder Zone 5 Temp.	335	°F
Melt Temperature	330 to 335	°F
Die Temperature	340 to 345	°F

