

**AuroraFlex™ 5062R-88**

Aurora Material Solutions, LLC - Polyvinyl Chloride

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

A 75°C , flame retardant, RoHS Compliant, PVC jacketing material with good low temperature properties.

**General**

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Additive	• Flame Retardant		
Features	• Flame Retardant	• Low Temperature Toughness	
Uses	• Jacketing		
RoHS Compliance	• RoHS Compliant		

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

	Nominal Value	Unit	Test Method
<b>Physical</b>			
Density / Specific Gravity	1.47 to 1.53		ASTM D792
<b>Elastomers</b>			
Tensile Strength (Break)	2610	psi	ASTM D412
Tensile Elongation (Break)	250	%	ASTM D412
<b>Hardness</b>			
Durometer Hardness (Shore A, 15 sec)	85 to 91		ASTM D2240
<b>Thermal</b>			
Brittleness Temperature	-25.6	°F	ASTM D746
Temperature Rating	167	°F	UL 1581
<b>Flammability</b>			
Oxygen Index	40	%	ASTM D2863

**Processing Information**

	Nominal Value	Unit
<b>Extrusion</b>		
Cylinder Zone 1 Temp.	300	°F
Cylinder Zone 2 Temp.	310	°F
Cylinder Zone 3 Temp.	325	°F
Cylinder Zone 4 Temp.	340	°F
Melt Temperature	345	°F
Die Temperature	350 to 360	°F

