

**AuroraFlex™ G 3775E1**

Aurora Material Solutions, LLC - Flexible Polyvinyl Chloride

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

A flexible, PVC based compound with excellent low temperature and mechanical characteristics designed for general purpose extrusion applications.

**General**

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

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

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.37		ASTM D792
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength	2100	psi	ASTM D412
Tensile Elongation (Break)	350	%	ASTM D412
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	79		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature <sup>2</sup>	-34.6	°F	ASTM D746

**Processing Information**

Extrusion	Nominal Value	Unit
Cylinder Zone 1 Temp.	320	°F
Cylinder Zone 2 Temp.	325	°F
Cylinder Zone 3 Temp.	330	°F
Cylinder Zone 4 Temp.	335	°F
Melt Temperature	335 to 340	°F
Die Temperature	340 to 350	°F

