

AuroraFlex™ GA3174B

Aurora Material Solutions, LLC - Flexible Polyvinyl Chloride

General Information
Product Description

A PVC based compound suitable for general purpose injection molding and extrusion applications.

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	• Injection Molding	

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.22		ASTM D792
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Break)	2200	psi	ASTM D412
Tensile Elongation (Break)	400	%	ASTM D412
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	80		ASTM D2240

Processing Information

Extrusion	Nominal Value	Unit
Cylinder Zone 1 Temp.	300	°F
Cylinder Zone 2 Temp.	315	°F
Cylinder Zone 3 Temp.	325	°F
Cylinder Zone 4 Temp.	335	°F
Melt Temperature	330	°F
Die Temperature	345 to 350	°F

Notes
¹ Typical properties: these are not to be construed as specifications.
