

## AuroraFlex™ XP23-45MG

Aurora Material Solutions, LLC - Polyvinyl Chloride

### General Information

#### Product Description

A PVC based, injection molding grade PVC, exterior weatherable compound.

Note: Custom color matching is available upon request.

#### General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East	• Europe	• North America
	• Asia Pacific	• Latin America	
Features	• Good Weather Resistance		
Uses	• Aerospace Applications	• Consumer Applications	• Furniture
	• Agricultural Applications	• Electrical/Electronic Applications	• Medical/Healthcare Applications
	• Appliances	• Energy Storage	• Personal Care
	• Automotive Applications	• Film	• Sheet
	• Capstock	• Footwear	
Appearance	• Colors Available		
Processing Method	• Injection Molding		

### Properties <sup>1</sup>

	Nominal Value	Unit	Test Method
<b>Physical</b>			
Density / Specific Gravity	< 1.30		ASTM D792
<b>Mechanical</b>			
Tensile Strength <sup>2</sup>	> 1810	psi	ASTM D638
Tensile Elongation <sup>2</sup> (Break)	> 200	%	ASTM D638
<b>Elastomers</b>			
Tear Strength	> 428	lbf/in	ISO 34-1
<b>Hardness</b>			
Durometer Hardness (Shore D, 15 sec)	42 to 52		ASTM D2240
<b>Thermal</b>			
Cold Flexibility (14°F)	Pass		GM 9503P
<b>Additional Information</b>			
Accelerated Weathering Duration - 2000 kJ/m2	< 3.00	DE	SAE J2527

### Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.

<sup>2</sup> Type IV, 20 in/min

