

AuroraFlex™ XP23-45W Base

Aurora Material Solutions, LLC - Polyvinyl Chloride

General Information

Product Description

A PVC, exterior weatherable, stain resistant, extrusion and injection molding compound.

Note: Custom color matching is available upon request.

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Features	• Good Weather Resistance • Stain Resistant		
Uses	• Aerospace Applications • Agricultural Applications • Appliances • Automotive Applications • Capstock	• Consumer Applications • Electrical/Electronic Applications • Energy Storage • Film • Footwear	• Furniture • Medical/Healthcare Applications • Personal Care • Sheet
Automotive Specifications	• GM GMW16084P-PVC Type 4, Grade E, Class B		
Appearance	• Colors Available		
Processing Method	• Extrusion	• Injection Molding	

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.20 to 1.40		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ²	1740	psi	ASTM D638
Tensile Elongation ² (Break)	75	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 15 sec)	35 to 45		ASTM D2240
Additional Information	Nominal Value	Unit	Test Method
Accelerated Weathering Duration - 2000 kJ/m ²	< 3.00	DE	SAE J2527

Notes

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

² Type IV, 20 in/min

