

AuroraFlex™ G-4285-VW1

 Aurora Material Solutions, LLC - *Polyvinyl Chloride*
General Information
Product Description

A flame retardant, flexible PVC based compound, suitable for extrusion applications requiring a VW-1 flame rating

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Additive	• Flame Retardant		
Features	• Flame Retardant	• Good Flexibility	
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
Processing Method	• Extrusion		

Properties ¹

	Nominal Value	Unit	Test Method
Physical			
Density / Specific Gravity	1.38 to 1.44		ASTM D792
Mechanical			
Tensile Strength	2250	psi	ASTM D638
Elastomers			
Tensile Elongation (Break)	350	%	ASTM D412
Hardness			
Durometer Hardness (Shore A, 15 sec)	77 to 83		ASTM D2240
Flammability			
Oxygen Index	26	%	ASTM D2863

Processing Information

	Nominal Value	Unit
Extrusion		
Melt Temperature	345 to 365	°F

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