

Axiall PVC 3801

Rigid Polyvinyl Chloride

Axiall Corporation

Message:

Georgia Gulf 3801, 3802, and 3803 are vinyl foam compounds designed for applications requiring lower density than standard rigid vinyls.

General Information			
Features	Foamable		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.399 to 0.499	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	58		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1810	MPa	ASTM D638
Tensile Strength	13.2	MPa	ASTM D638
Flexural Modulus	1030	MPa	ASTM D790
Flexural Strength	24.5	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.18 mm)	27	J/m	ASTM D256
Tensile Impact Strength	12.8	kJ/m ²	ASTM D1822
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	60.0	°C	ASTM D648
CLTE - Flow	1.0E-4	cm/cm/°C	ASTM D696
Extrusion	Nominal Value	Unit	
Cylinder Zone 1 Temp.	166	°C	
Cylinder Zone 2 Temp.	166	°C	
Cylinder Zone 3 Temp.	177	°C	
Cylinder Zone 4 Temp.	182	°C	
Adapter Temperature	185	°C	
Die Temperature	191	°C	

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