

Axiall PVC 7768

Rigid Polyvinyl Chloride

Axiall Corporation

Message:

Georgia Gulf 7768 is a general purpose rigid PVC profile extrusion compound designed for applications requiring impact strength and toughness, flame retardance, colorability, certification by NSF standards 51 and 61, dimensional stability, chemical resistance, and UV color stability.

General Information			
UL YellowCard	E53006-243334		
Features	Flame Retardant		
	Good Chemical Resistance		
	Good Colorability		
	Good Dimensional Stability		
	Good Impact Resistance		
	Good Toughness		
	Good UV Resistance		
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.39	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	93		ASTM D785
Durometer Hardness (Shore D)	80		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3220	MPa	ASTM D638
Tensile Strength (Yield)	46.7	MPa	ASTM D638
Flexural Modulus	2490	MPa	ASTM D790
Flexural Strength	72.4	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
3.18 mm	1200	J/m	
6.35 mm	880	J/m	
Tensile Impact Strength	158	kJ/m ²	ASTM D1822
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
1.8 MPa, Unannealed	61.0	°C	
1.8 MPa, Annealed	70.0	°C	
CLTE - Flow	6.5E-5	cm/cm/°C	ASTM D696

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