

Axiall PVC 7765

Rigid Polyvinyl Chloride

Axiall Corporation

Message:

Georgia Gulf 7765 is a general-purpose indoor rigid PVC profile extrusion compound. 7765 carries an NSF standard 51 listing (for food zone).

General Information			
UL YellowCard	E53006-549802		
Features	Flame Retardant		
	Good Chemical Resistance		
	Good Colorability		
	Good Dimensional Stability		
	Good Impact Resistance		
	High Stiffness		
Uses	Profiles		
Agency Ratings	NSF 51		
Processing Method	Profile Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.42	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	3340	MPa	ASTM D638
Tensile Strength	40.7	MPa	ASTM D638
Flexural Modulus	3020	MPa	ASTM D790
Flexural Strength	73.1	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.18 mm)	890	J/m	ASTM D256
Tensile Impact Strength	151	kJ/m ²	ASTM D1822
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	76.0	°C	
1.8 MPa, Unannealed	72.0	°C	
CLTE - Flow	6.5E-5	cm/cm/°C	ASTM D696

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