

Axial PVC 7465

Rigid Polyvinyl Chloride

Axial Corporation

Message:

Georgia Gulf 7465 is a special purpose rigid PVC compound designed for applications requiring the following properties:

- Toughness
- Durability
- Ultraviolet Light Resistance
- NSF 51 Listing
- Chemical Resistant
- Ease of Processing

General Information			
UL YellowCard	E53006-100512721		
Features	Durable		
	Good Chemical Resistance		
	Good Processability		
	Good Toughness		
	Good UV Resistance		
Agency Ratings	NSF 51		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.40	g/cm ³	ASTM D792
PVC Cell Classification	16354		ASTM D1784
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	80		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2690	MPa	ASTM D638
Tensile Strength (Yield)	41.4	MPa	ASTM D638
Flexural Modulus	2720	MPa	ASTM D790
Flexural Strength	75.8	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.18 mm)	1300	J/m	ASTM D256
Tensile Impact Strength	168	kJ/m ²	ASTM D1822
Drop Impact Resistance			ASTM D4226
-- 1	62.3	J/cm	
-- 2	156	J/cm	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	70.0	°C	ASTM D648
CLTE - Flow	6.5E-5	cm/cm/°C	ASTM D696
Flammability	Nominal Value		Test Method

Flame Rating	V-0	UL 94
Extrusion	Nominal Value	Unit
Melt Temperature	182	°C
NOTE		
1.	Procedure A, C.125	
2.	Procedure A, H.25	

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