

Axiall PVC 7155

Rigid Polyvinyl Chloride

Axiall Corporation

Message:

Georgia Gulf 7155 is a special purpose rigid PVC extrusion compound designed for applications requiring the following properties:

Weatherability

Chemical

Durability

Ease of Processing

Toughness

General Information			
UL YellowCard	E53006-101513957		
Features	Durable		
	Good Chemical Resistance		
	Good Processability		
	Good Toughness		
	Good Weather Resistance		
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.35	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	80		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2590	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 (23°C, 3.18 mm)	960	J/m	ASTM D256
Tensile Impact Strength	168	kJ/m ²	ASTM D1822
Drop Impact Resistance ¹	133	J/cm	ASTM D4226
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	21.1	°C	ASTM D648
CLTE - Flow	6.3E-5	cm/cm/°C	ASTM D696
Extrusion	Nominal Value	Unit	
Melt Temperature	182	°C	
NOTE			
1.	Procedure A, H.25		

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