



Westlake PVC 7055

Westlake Chemical Corporation - Rigid Polyvinyl Chloride

Friday, September 20, 2019

General Information

Product Description

AXIALL's Georgia Gulf 7055 is a special purpose rigid PVC extrusion compound designed for applications requiring weatherability, durability, chemical resistance, toughness, UL rating, and ease of processing.

General

Material Status	• Commercial: Active		
Availability	• North America		
Features	• Chemical Resistant	• Good Processability	• Weather Resistant
	• Durable	• Good Toughness	
Uses	• Outdoor Furnishings	• Profiles	
Agency Ratings	• UL 94		
Appearance	• Colors Available	• Light Beige	• White
Forms	• Pellets		
Processing Method	• Extrusion		

ASTM & ISO Properties¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.43	g/cm ³	ASTM D792
PVC Cell Classification	1-443-32-33		ASTM D4216
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2580	MPa	ASTM D638
Tensile Strength (Yield)	41.4	MPa	ASTM D638
Flexural Modulus	2730	MPa	ASTM D790
Flexural Strength	75.8	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
3.18 mm	1100	J/m	
6.35 mm	850	J/m	
Tensile Impact Strength	168	kJ/m ²	ASTM D1822
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	106		ASTM D785
Durometer Hardness (Shore D)	80		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
1.8 MPa, Unannealed	71.0	°C	
CLTE - Flow	6.5E-5	cm/cm/°C	ASTM D696
Flammability	Nominal Value	Unit	Test Method
Flame Rating	V-0		UL 94

Processing Information

Extrusion	Nominal Value	Unit
Melt Temperature	182	°C

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Notes

¹ Typical properties: these are not to be construed as specifications.