

# Westlake PVC 7751

Westlake Chemical Corporation - Rigid Polyvinyl Chloride

Friday, September 20, 2019

## General Information

### Product Description

AXIALL's Georgia Gulf 7751 is a vertical blind profile exterior compound requiring impact strength and toughness, colorability, dimensional stability, UV color stability, and easy processing for thin parts at fast rates.

### General

Material Status	• Commercial: Active
Availability	• North America
Features	<ul style="list-style-type: none"> <li>• Good Color Stability</li> <li>• Good Colorability</li> <li>• Good Dimensional Stability</li> <li>• Good Impact Resistance</li> <li>• Good Processability</li> <li>• Good Toughness</li> </ul>
Uses	<ul style="list-style-type: none"> <li>• Outdoor Applications</li> <li>• Profiles</li> </ul>
Forms	• Pellets
Processing Method	• Extrusion

## ASTM & ISO Properties <sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.50	g/cm <sup>3</sup>	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3220	MPa	ASTM D638
Tensile Strength (Yield)	40.5	MPa	ASTM D638
Flexural Modulus	3070	MPa	ASTM D790
Flexural Strength	74.2	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
3.18 mm	210	J/m	
6.35 mm	140	J/m	
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	112		ASTM D785
Durometer Hardness (Shore D)	81		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
1.8 MPa, Unannealed	69.5	°C	

### Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.