

Westlake PVC 3291

Westlake Chemical Corporation - Rigid Polyvinyl Chloride

Friday, September 20, 2019

General Information

Product Description

3291 is a rigid, twin-screw extrusion PVC powder compound for profile-extruded building products and exterior applications. This compound is weatherable and AAMA Certified.

General

Material Status	• Commercial: Active	
Availability	• North America	
Features	• High Rigidity	• Weather Resistant
Uses	• Building Materials	• Profiles
Forms	• Powder	
Processing Method	• Extrusion	• Profile Extrusion

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
PVC Cell Classification	12244332		ASTM D4216
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2770	MPa	ASTM D638
Tensile Strength	45.5	MPa	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	80	J/m	ASTM D256
Drop Impact Resistance			ASTM D4226
-- ²	75.6	J/cm	
-- ³	169	J/cm	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load 1.8 MPa, Unannealed	74.0	°C	ASTM D648

Notes

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

² Procedure A

³ Procedure B