

Westlake PVC 3021

Westlake Chemical Corporation - Rigid Polyvinyl Chloride

Friday, September 20, 2019

General Information

Product Description

3021 is a rigid, twin-screw extrusion PVC powder blend compound for interior applications designed as a foaming base. The compound is formulated to support uniform cell structure.

General

Material Status	• Commercial: Active
Availability	• North America
Features	• High Rigidity
Forms	• Powder
Processing Method	• Extrusion

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.43 to 1.47	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2760	MPa	ASTM D638
Tensile Strength (Yield)	41.4	MPa	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	80		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load 1.8 MPa, Unannealed	66.0	°C	ASTM D648
Melting Temperature	199 to 204	°C	

Notes

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