

Westlake PVC 2500

Westlake Chemical Corporation - Rigid Polyvinyl Chloride

Friday, September 20, 2019

General Information

Product Description

2500 is a rigid extrusion PVC compound for interior applications. This compound is part of a family of products that partially contains a recycled stream, which helps to make end products more cost-competitive. This product is transparent and typically used in end products that are non-color or non-appearance critical.

General

Material Status	• Commercial: Active
Availability	• North America
Features	• High Rigidity
Appearance	• Translucent
Processing Method	• Extrusion

ASTM & ISO Properties¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.39 to 1.43	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2910	MPa	ASTM D638
Tensile Strength	41.5	MPa	ASTM D638
Flexural Modulus	2680	MPa	ASTM D790
Flexural Strength	71.8	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	860	J/m	ASTM D256
Drop Impact Resistance ²	267	J/cm	ASTM D4226
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	110		ASTM D785
Durometer Hardness (Shore D, 10 sec)	75 to 81		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load 1.8 MPa, Unannealed	61.8	°C	ASTM D648

Notes

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

² Procedure B, C-125 Tup