

Westlake PVC 8266 Natural 01

Westlake Chemical Corporation - Rigid Polyvinyl Chloride

Friday, September 20, 2019

General Information

General

Material Status	• Commercial: Active
Availability	• North America
Appearance	• Natural Color

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.40	g/cm ³	ASTM D792
PVC Cell Classification	13353		ASTM D1784
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2830	MPa	ASTM D638
Tensile Strength (Yield)	44.8	MPa	ASTM D638
Flexural Modulus	2620	MPa	ASTM D790
Flexural Strength	74.5	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.18 mm)	190	J/m	ASTM D256
Tensile Impact Strength	116	kJ/m ²	ASTM D1822
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	90		ASTM D785
Durometer Hardness (Shore D)	78		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load 1.8 MPa, Unannealed	60.0	°C	ASTM D648
Deflection Temperature Under Load (1.8 MPa, Annealed)	68.0	°C	ASTM D648

Processing Information

Injection	Nominal Value	Unit
Processing (Melt) Temp	188	°C

Notes

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