

Westlake PVC 19881

Westlake Chemical Corporation - Flexible Polyvinyl Chloride

Friday, September 20, 2019

General Information

Product Description

105°C rated clear compound recommended for 30 mils and larger.

General

Material Status	• Commercial: Active
Availability	• North America
Uses	• Wire & Cable Applications
Appearance	• Clear/Transparent
Forms	• Pellets

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.22 to 1.26	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
--	19.0	MPa	
100% Strain	12.1	MPa	
Tensile Elongation (Break)	380	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	85 to 91		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-25.0	°C	ASTM D746
Aging	Nominal Value	Unit	Test Method
Change in Ultimate Elongation in Air ² (136°C, 168 hr)	-24	%	UL 1581
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	24	%	ASTM D2863

Processing Information

Extrusion	Nominal Value	Unit
Melt Temperature	188	°C

Notes

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

² 30 mil slab