

Westlake PVC 11441

Westlake Chemical Corporation - Flexible Polyvinyl Chloride

Friday, September 20, 2019

General Information

Product Description

General purpose non-lead stabilized jacket compound recommended for UL 75 C applications or 80 C automotive applications.

General

Material Status	• Commercial: Active
Availability	• North America
Features	• General Purpose
Uses	• Cable Jacketing • General Purpose

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.34	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
--	20.7	MPa	
100% Strain	13.8	MPa	
Tensile Elongation (Break)	330	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	46		ASTM D2240
Aging	Nominal Value	Unit	Test Method
Retention of Tensile Elongation - Air Aging, 10 days (100°C, 762.0 µm)	80	%	UL 1581
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	29	%	ASTM D2863

Processing Information

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

Notes

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