

# Westlake PVC 15644

Westlake Chemical Corporation - Flexible Polyvinyl Chloride

Friday, September 20, 2019

## General Information

### Product Description

Semi-rigid insulation compound recommended for Style #1061 applications. Maximum service temperature of 105C.

### General

Material Status	• Commercial: Active
Availability	• North America
Uses	• Insulation
Wire Types	• UL Style 1061

## ASTM & ISO Properties <sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.33 to 1.37	g/cm <sup>3</sup>	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
--	22.3	MPa	
100% Strain	20.0	MPa	
Tensile Elongation (Break)	300	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	58 to 64		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-5.00	°C	ASTM D746
Aging	Nominal Value	Unit	Test Method
Retention of Tensile Elongation - Air Aging, 7 days (136°C, 762.0 µm)	88	%	UL 1581
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity (23°C)	1.0E+15	ohms-cm	ASTM D257
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	28	%	ASTM D2863

## Processing Information

Extrusion	Nominal Value	Unit
Melt Temperature	188	°C

### Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.