

# Westlake PVC 12804

Westlake Chemical Corporation - Flexible Polyvinyl Chloride

Sunday, September 15, 2019

## General Information

### Product Description

Non-lead stabilized, 75C rated jacket compound suitable for use in VW-1 rated, UL 62 constructions.

### General

Material Status	• Commercial: Active
Availability	• North America
Uses	• Cable Jacketing
Wire Types	• VW-1
Agency Ratings	• UL 62 • UL VW-1

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

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.42	g/cm <sup>3</sup>	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
--	12.8	MPa	
100% Strain	7.07	MPa	
Tensile Elongation (Break)	300	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	80		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-25.0	°C	ASTM D746
Aging	Nominal Value	Unit	Test Method
Retention of Tensile Elongation - Air Aging, 10 days (100°C, 762.0 µm)	81	%	UL 1581
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	26	%	ASTM D2863

## Processing Information

Extrusion	Nominal Value	Unit
Melt Temperature	171	°C

### Notes

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