



# Westlake PVC 22460

Westlake Chemical Corporation - Flexible Polyvinyl Chloride

Sunday, September 15, 2019

## General Information

### Product Description

22460 is a flexible extrusion PVC compound formulated for maximum service temperature of 75°C in riser jacketing applications over HDPE. The recommended minimum jacket thickness is 22 mils.

### General

Material Status	• Commercial: Active
Availability	• North America
Features	• Good Flexibility
Uses	• Jacketing • Riser Rated Communications Cable Insulation • Wire & Cable Applications
Processing Method	• Extrusion

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

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.50 to 1.54	g/cm <sup>3</sup>	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
--	19.3	MPa	
100% Strain	13.1	MPa	
Tensile Elongation (Break)	290	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A, 10 sec	91 to 97		
Shore D, 10 sec	43 to 49		
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-12.0	°C	ASTM D746
Aging	Nominal Value	Unit	Test Method
Change in Ultimate Elongation in Air <sup>2</sup> (100°C, 240 hr)	-14	%	UL 1581
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	36	%	ASTM D2863
Additional Information	Nominal Value	Unit	Test Method
Stock Temperature	188	°C	

### Notes

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

<sup>2</sup> 30 mil slab