

# Westlake PVC 12770

Westlake Chemical Corporation - Flexible Polyvinyl Chloride

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## General Information

### Product Description

12770 is a flexible extrusion PVC compound for CATV jacketing applications requiring sunlight resistance and excellent low temperature properties.

### General

Material Status	• Commercial: Active		
Availability	• North America		
Features	• Good Flexibility	• Low Temperature Resistant	• Sunlight Resistant
Uses	• Jacketing	• Wire & Cable Applications	
Wire Types	• CATV		
Processing Method	• Extrusion		

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

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.32 to 1.36	g/cm <sup>3</sup>	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
--	15.2	MPa	
100% Strain	7.58	MPa	
Tensile Elongation (Break)	350	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 10 sec)	74 to 80		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-44.0	°C	ASTM D746
Aging	Nominal Value	Unit	Test Method
Change in Ultimate Elongation in Air <sup>2</sup> (100°C, 240 hr)	-11	%	UL 1581
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	23	%	ASTM D2863
Additional Information	Nominal Value	Unit	
Stock Temperature	182	°C	

### Notes

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

<sup>2</sup> 30 mil slab