

Westlake PVC 12791

Westlake Chemical Corporation - Flexible Polyvinyl Chloride

Friday, September 20, 2019

General Information

Product Description

11791 is a flexible extrusion PVC compound for 75°C maximum service temperature that require 720 hours of sunlight resistance and low-temperature performance.

General

Material Status	• Commercial: Active
Availability	• North America
Features	• Good Flexibility • Low Temperature Resistant • Sunlight Resistant (720 hours)
Uses	• Wire & Cable Applications
Processing Method	• Extrusion

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.38 to 1.42	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
--	13.8	MPa	
100% Strain	6.21	MPa	
Tensile Elongation (Break)	360	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 10 sec)	76 to 82		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-35.0	°C	ASTM D746
Aging	Nominal Value	Unit	Test Method
Change in Ultimate Elongation in Air ² (100°C, 240 hr)	-8.7	%	UL 1581
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	23	%	ASTM D2863
Additional Information	Nominal Value	Unit	Test Method
Stock Temperature	171	°C	

Notes

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

² 30 mil slab