

Westlake PVC 12842

Westlake Chemical Corporation - Flexible Polyvinyl Chloride

Friday, September 20, 2019

General Information

Product Description

12842 is a flexible extrusion PVC compound formulated for coaxial cable applications requiring sunlight resistance and maximum service temperature of 75°C.

General

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

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.39 to 1.43	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
--	15.2	MPa	
100% Strain	9.65	MPa	
Tensile Elongation (Break)	300	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 10 sec)	81 to 87		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-28.0	°C	ASTM D746
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	29	%	ASTM D2863
Additional Information	Nominal Value	Unit	
Stock Temperature	185	°C	

Notes

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