

Westlake PVC 19912

Westlake Chemical Corporation - Flexible Polyvinyl Chloride

Friday, September 20, 2019

General Information

Product Description

Non-lead stabilized, 105C rated insulation compound recommended for various style # applications including 1007 and 1015. The compound is formulated for microbial and fungal resistance.

General

Material Status	• Commercial: Active
Availability	• North America
Features	• Fungus Resistant
Uses	• Insulation
Wire Types	• UL Style 1007 • UL Style 1015

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.39	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
--	17.2	MPa	
100% Strain	11.7	MPa	
Tensile Elongation (Break)	320	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	91		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-23.0	°C	ASTM D746
Aging	Nominal Value	Unit	Test Method
Retention of Tensile Elongation - Air Aging, 7 days (136°C, 762.0 µm)	84	%	UL 1581
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity (23°C)	9.0E+14	ohms-cm	ASTM D257
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	24	%	ASTM D2863

Processing Information

Extrusion	Nominal Value	Unit
Melt Temperature	188	°C

Notes

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