

Westlake PVC 1131-57D

Westlake Chemical Corporation - Flexible Polyvinyl Chloride

Friday, September 20, 2019

General Information

Product Description

Non lead stabilized 105 C rated jacket compound.

General

Material Status	• Commercial: Active
Availability	• North America
Uses	• Cable Jacketing

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.40	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
--	17.2	MPa	
100% Strain	10.3	MPa	
Tensile Elongation (Break)	330	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	87		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-20.0	°C	ASTM D746
Aging	Nominal Value	Unit	Test Method
Retention of Tensile Elongation - Air Aging, 136 hr (136°C, 762.0 µm)	86	%	UL 1581
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	23	%	ASTM D2863

Processing Information

Extrusion	Nominal Value	Unit
Melt Temperature	188	°C

Notes

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