



Westlake PVC 898

Westlake Chemical Corporation - Flexible Polyvinyl Chloride

Friday, September 20, 2019

General Information

Product Description

Non-lead stabilized, flame retardant, non-migratory, 105 C insulation compound recommended for use in non-migratory applications.

General

Material Status	• Commercial: Active		
Availability	• North America		
Features	• Flame Retardant	• Good Flexibility	• Low to No Migration
Uses	• Insulation	• Wire & Cable Applications	
Forms	• Pellets		

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
--	15.9	MPa	
100% Strain	9.83	MPa	
Tensile Elongation (Break)	330	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness ² (Shore A)	82 to 88		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-12.0	°C	ASTM D746
Aging	Nominal Value	Unit	Test Method
Change in Ultimate Elongation in Air ³ (136°C, 168 hr)	-12	%	UL 1581
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	27	%	ASTM D2863

Processing Information

Extrusion	Nominal Value	Unit
Melt Temperature	188	°C

Notes

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

² Delayed

³ 30 mil