

Westlake PVC 19871

Westlake Chemical Corporation - Flexible Polyvinyl Chloride

Friday, September 20, 2019

General Information

Product Description

105 C rated insulation compound with very good migration and oil resistance. Recommended for toner resistant applications.

General

Material Status	• Commercial: Active		
Availability	• North America		
Features	• Good Flexibility	• Low to No Migration	• Oil Resistant
Uses	• Insulation		
Forms	• Pellets		

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.36 to 1.40	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
--	19.7	MPa	
100% Strain	12.1	MPa	
Tensile Elongation (Yield)	290	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	84 to 90		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-14.0	°C	ASTM D746
Aging	Nominal Value	Unit	Test Method
Retention of Tensile Elongation			UL 1581
Air Aging : 136°C, 762.0 μm ²	91	%	
Oil Aging : 100°C, 762.0 μm ³	87	%	
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	28	%	ASTM D2863

Processing Information

Extrusion	Nominal Value	Unit
Melt Temperature	188	°C

Notes

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

² 168 hr

³ 4 days