

Westlake PVC 10753

Westlake Chemical Corporation - Flexible Polyvinyl Chloride

Sunday, September 15, 2019

General Information

Product Description

Flame retardant 60C compound suitable for integral non-metallic conduit and general purpose jacket applications.

General

Material Status	• Commercial: Active
Availability	• North America
Additive	• Flame Retardant
Features	• Flame Retardant
Uses	• Cable Jacketing • Wire & Cable Applications
Forms	• Pellets

ASTM & ISO Properties¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.21 to 1.25	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
--	17.6	MPa	
100% Strain	7.41	MPa	
Tensile Elongation (Break)	380	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness ² (Shore A)	75		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-47.0	°C	ASTM D746
Aging	Nominal Value	Unit	Test Method
Change in Ultimate Elongation in Air ³ (100°C, 168 hr)	-17	%	UL 1581
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	24	%	ASTM D2863

Processing Information

Extrusion	Nominal Value	Unit
Melt Temperature	182	°C

Notes

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

² Delayed

³ 30 mil slab