

Westlake PVC 38511

Westlake Chemical Corporation - Flexible Polyvinyl Chloride

Friday, September 20, 2019

General Information

Product Description

38511 is a flexible extrusion PVC compound for 90°C tray able jack applications. This compound was formulated for excellent low temperature properties and for flame retardant applications

General

Material Status	• Commercial: Active		
Availability	• North America		
Features	• Flame Retardant	• Good Flexibility	• Low Temperature Resistant
Uses	• Cable Jacketing	• Wire & Cable Applications	
Processing Method	• Extrusion		

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.34 to 1.38	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	17.2	MPa	ASTM D638
Tensile Elongation (Break)	320	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 10 sec)	82 to 88		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-50.0	°C	ASTM D746
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	32	%	ASTM D2863
Additional Information	Nominal Value	Unit	
Stock Temperature	182	°C	

Notes

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