

Westlake PVC 67441

Westlake Chemical Corporation - Flexible Polyvinyl Chloride

Friday, September 20, 2019

General Information

Product Description

67441 is a flexible extrusion PVC compound formulated for maximum service temperature of 90°C in both inner and outer Teck 90 jacketing applications. 67441 possesses exceptional low temperature properties to meet the -40°C low temperature impact and FT4 flame requirements. This compound is formulated to meet the optional listing of AG14.

General

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

ASTM & ISO Properties¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.35 to 1.39	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
--	14.1	MPa	
100% Strain	6.89	MPa	
Tensile Elongation (Break)	350	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 10 sec)	68 to 74		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-45.0	°C	ASTM D746
Aging	Nominal Value	Unit	Test Method
Change in Ultimate Elongation in Air ² (121°C, 336 hr)	-20	%	UL 1581
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	25	%	ASTM D2863
Additional Information	Nominal Value	Unit	
Stock Temperature	182	°C	

Notes

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

² 30 mil slab