

Westlake PVC 4100-50

Westlake Chemical Corporation - Flexible Polyvinyl Chloride

Sunday, September 15, 2019

General Information

Product Description

4100-50 is a flexible automotive insulation PVC compound formulated for thick wall, 100°C insulating applications per ISO 6722. The compound is optimized for superior flexibility and ease of installation and routing in 8.0 mm and larger ISO conductor sized cables.

General

Material Status	• Commercial: Active
Availability	• North America
Features	• Good Flexibility
Uses	• Automotive Applications • Insulation

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			ASTM D638
--	21.4	MPa	
100% Strain	15.9	MPa	
Tensile Elongation (Break)	300	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 10 sec)	47 to 53		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-27.0	°C	ASTM D746
Melting Temperature	185	°C	

Notes

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