



# Westlake PVC 4425

Westlake Chemical Corporation - Flexible Polyvinyl Chloride

Friday, September 20, 2019

## General Information

### Product Description

4425 is a flexible extrusion PVC compound for automotive insulation requiring a maximum service temperature of 85°C and high-speed TWP constructions. 4425 is suitable for SAE J1128, SAE J1127, SAE 1560, Ford M1L 120A, and Chrysler MS 7889.

### General

Material Status	• Commercial: Active
Availability	• North America
Features	• Good Flexibility
Uses	• Automotive Applications      • Insulation      • Wire & Cable Applications
Processing Method	• Extrusion

## ASTM & ISO Properties <sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.34 to 1.38	g/cm <sup>3</sup>	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
--	20.0	MPa	
100% Strain	14.5	MPa	
Tensile Elongation (Break)	300	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 10 sec)	39 to 45		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-25.0	°C	ASTM D746
Additional Information	Nominal Value	Unit	
Stock Temperature	185	°C	

### Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.