

Westlake PVC 4891

Westlake Chemical Corporation - Flexible Polyvinyl Chloride

Friday, September 20, 2019

General Information

Product Description

105 C rated automotive harness compound recommended for thin wall applications

General

Material Status	• Commercial: Active
Availability	• North America
Uses	• Automotive Applications • Thin-walled Parts
Forms	• Pellets

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.37 to 1.41	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (100% Strain)	14.0	MPa	ASTM D638
Tensile Strength (Yield)	19.3	MPa	ASTM D638
Tensile Elongation (Break)	290	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness ² (Shore A)	87 to 93		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-35.0	°C	ASTM D746
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	26	%	ASTM D2863
Additional Information	Nominal Value	Unit	
Stock Temperature	191	°C	

Notes

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

² Delayed