



# Hoffman PVC V2-27 NATURAL

## Hoffman Plastic Compounds Inc. - Flexible Polyvinyl Chloride

### General Information

#### Product Description

Hoffman PVC V2-27 NATURAL is UL 62 and 83 listed for 105°C thermoplastic jacket and insulation for THWN, THH and THHN.

#### General

Features	• High Heat Resistance
Uses	• Insulation • Wire Jacketing
Agency Ratings	• UL 62 • UL 83
Appearance	• Natural Color
Forms	• Pellets

### Properties<sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.37		ASTM D792
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	1600	psi	ASTM D412
Tensile Strength (Break)	2400	psi	ASTM D412
Tensile Elongation (Break)	180	%	ASTM D412
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	94		ASTM D2240

#### Additional Information

Durometer Hardness, ASTM D2240, Shore A, instantaneous: 94  
 Durometer Hardness, ASTM D2240, Shore A, 10 second delay: 90  
 Tensile Strength, Aged 168 hours, 136°C (air oven): 2,640 psi  
 Tensile Retained, Aged 168 hours, 136°C (air oven): 110 %  
 Elongation, Aged 168 hours, 136°C (air oven): 149 %  
 Elongation Retained, Aged 168 hours, 136°C (air oven): 85 %