

# Hoffman PVC V2-27 NATURAL

Flexible Polyvinyl Chloride  
Hoffman Plastic Compounds Inc.

Message:

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

General Information			
Features	Heat resistance, high		
Uses	Wire sheath		
	Insulating material		
Agency Ratings	UL 62		
	UL 83		
Appearance	Natural color		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.37	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	94		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	11.0	MPa	ASTM D412
Tensile Strength (Break)	16.5	MPa	ASTM D412
Tensile Elongation (Break)	180	%	ASTM D412

Additional Information			
Durometer Hardness, ASTM D2240, Shore A, instantaneous: 94Durometer Hardness, ASTM D2240, Shore A, 10 second delay: 90Tensile Strength, Aged 168 hours, 136°C (air oven): 2,640 psiTensile 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 %			

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