

Manner Flexible PVC V964A

Flexible Polyvinyl Chloride

Manner Plastics, L.P.

Message:

Recommended Applications: 105°C Battery Wire Insulation Compound designed to meet UL Subject 2726. This product complies with the European Union Restriction on Hazardous Substances (RoHS) directive.

General Information			
Uses	Insulation		
	Wire & Cable Applications		
Agency Ratings	UL Subject 2726		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.35 to 1.39	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A	83 to 89		
Shore A, 15 sec	75 to 81		
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - 100% Secant ¹	8.27	MPa	ASTM D638
Tensile Strength ²	14.5	MPa	ASTM D638
Tensile Elongation ³ (Break)	380	%	ASTM D638
Aging	Nominal Value	Unit	
Change in Tensile Strength in Air ⁴ (136°C, 168 hr)	-8.0	%	
Change in Ultimate Elongation in Air ⁵ (136°C, 168 hr)	-1.0	%	
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-58.0	°C	ASTM D746
NOTE			
1.	Unaged Dumbbells: .06 inch		
2.	Unaged Dumbbells: .06 inch		
3.	Unaged Dumbbells: .06 inch		
4.	Air Retention: .06 inch, Oven Aged		
5.	Air Retention: .06 inch, Oven Aged		

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Recommended distributors for this material

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