

Manner Flexible PVC V964

Flexible Polyvinyl Chloride

Manner Plastics, L.P.

Message:

Recommended Applications: 90°C Battery Insulation Compound designed to meet UL Subject 2726. This product complies with the European Union Restriction on Hazardous Substances (RoHS) directive.

General Information			
Uses	Wire and cable applications		
	Insulating material		
Agency Ratings	UL Subject 2726		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.36 - 1.40	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shaw A	87 - 93		ASTM D2240
Shaw A, 15 seconds	82 - 88		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - 100% Secant ¹	8.96	MPa	ASTM D638
Tensile Strength ²	15.8	MPa	ASTM D638
Tensile Elongation ³ (Break)	380	%	ASTM D638
Aging	Nominal Value	Unit	
Change in Tensile Strength in Air ⁴ (121°C, 168 hr)	3.0	%	
Change in Ultimate Elongation in Air ⁵ (121°C, 168 hr)	-1.0	%	
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-40.0	°C	ASTM D746
NOTE			
1.	Unaged Dumbbells: .075 inch		
2.	Unaged Dumbbells: .075 inch		
3.	Unaged Dumbbells: .075 inch		
4.	Air Retention: .075 inch, Oven Aged		
5.	Air Retention: .075 inch, Oven Aged		

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Recommended distributors for this material

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