

Manner Flexible PVC V861

Flexible Polyvinyl Chloride

Manner Plastics, L.P.

Message:

Recommended Applications: Lead-free 90°C insulation compound suitable for SAE J1128 requirements. This product complies with the European Union Restriction on Hazardous Substances (RoHS) directive.

General Information			
Features	Low (to None) Lead Content		
Uses	Insulation		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.34 to 1.38	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A	80 to 86		
Shore A, 15 sec	74 to 80		
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - 100% Secant ¹	11.3	MPa	ASTM D638
Tensile Strength ²	20.3	MPa	ASTM D638
Tensile Elongation ³ (Break)	300	%	ASTM D638
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air ⁴ (121°C, 168 hr)	3.0	%	UL 1581
Change in Ultimate Elongation in Air ⁵ (121°C, 168 hr)	-1.0	%	UL 1581
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-31.0	°C	ASTM D746
NOTE			
1.	Unaged Dumbbell: .03 inch		
2.	Unaged Dumbbell: .03 inch		
3.	Unaged Dumbbell: .03 inch		
4.	Air Aged Retention		
5.	Air Aged Retention		

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Recommended distributors for this material

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