

Manner Flexible PVC V916

Flexible Polyvinyl Chloride

Manner Plastics, L.P.

Message:

Recommended Applications: 105° rated general purpose insulation compound designed to meet the requirements of MIL-W-16878D. This product complies with the European Union Restriction on Hazardous Substances (RoHS) directive.

General Information			
Uses	General Purpose		
	Insulation		
Agency Ratings	MIL W-16878D		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.32 to 1.36	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore C)	81 to 87		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - 100% Secant ¹	15.2	MPa	ASTM D638
Tensile Strength ²	22.8	MPa	ASTM D638
Tensile Elongation ³ (Break)	300	%	ASTM D638
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air ⁴ (136°C, 168 hr)	4.0	%	UL Unspecified
Change in Ultimate Elongation in Air ⁵ (136°C, 168 hr)	-5.0	%	UL Unspecified
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-26.0	°C	ASTM D746
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	27	%	ASTM D2863
NOTE			
1.	Unaged Dumbbell: .03 inch		
2.	Unaged Dumbbell: .03 inch		
3.	Unaged Dumbbell: .03 inch		
4.	Air Aged: .03 inch		
5.	Air Aged: .03 inch		

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

