

Manner Flexible PVC V899

Flexible Polyvinyl Chloride

Manner Plastics, L.P.

Message:

Recommended Applications: 90°C Insulation and Jacketing Compound. Meets UL TW, THW, VW1, Oil Res I and 720 hr sunlight resistance. This product complies with the European Union Restriction on Hazardous Substances (RoHS) directive.

General Information			
Features	Sunlight Resistant (720 hours)		
Uses	Cable Jacketing		
	Insulation		
	Wire & Cable Applications		
Agency Ratings	UL I Oil Rating		
	UL Type THW		
	UL Type TW		
	UL VW-1		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.30 to 1.34	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A	82 to 88		
Shore A, 15 sec	76 to 82		
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - 100% Secant	9.65	MPa	ASTM D638
Tensile Strength	18.6	MPa	ASTM D638
Tensile Elongation (Break)	330	%	ASTM D638
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air ¹ (121°C, 168 hr)	5.0	%	UL Unspecified
Change in Ultimate Elongation in Air ² (121°C, 168 hr)	12	%	UL Unspecified
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-26.0	°C	ASTM D746
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	25	%	ASTM D2863
NOTE			
1.	Air Aged Retention		
2.	Air Aged Retention		

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Recommended distributors for this material

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