

# Manner Flexible PVC V900

Flexible Polyvinyl Chloride

Manner Plastics, L.P.

Message:

Recommended Applications: 105°C TW/THW/THHW insulation compound. Manner V900 is UL QMTT2 recognized and rated VW1, sunlight and oil resistance This product complies with the European Union Restriction on Hazardous Substances (RoHS) directive.

General Information			
Features	Good Flexibility		
	Oil Resistant		
Agency Ratings	UL QMTT2		
	UL Type THHW		
	UL Type THW		
	UL Type TW		
RoHS Compliance	RoHS Compliant		
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.31 to 1.35	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A	77 to 83		
Shore A, 10 sec	88 to 94		
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain, 0.762 mm)	14.5	MPa	ASTM D638
Tensile Strength (Yield, 0.762 mm)	21.4	MPa	ASTM D638
Tensile Elongation (Break, 0.762 mm)	340	%	ASTM D638
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air (136°C, 168 hr)	-1.0	%	UL 1581
Change in Ultimate Elongation in Air (136°C, 168 hr)	-10	%	UL 1581
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-16.0	°C	ASTM D746
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.4E+15	ohms · cm	ASTM D257
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	28	%	ASTM D2863

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Recommended distributors for this material

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