

# Manner Flexible PVC V947A

Flexible Polyvinyl Chloride

Manner Plastics, L.P.

## Message:

Recommended Applications: 90°C compound suitable as CSA TECK 90 Low Acid Gas ( 12- 13%) Jacket. This product complies with the European Union Restriction on Hazardous Substances (RoHS) directive.

General Information			
Uses	Cable Jacketing		
	Wire & Cable Applications		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.39 to 1.43	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	79 to 85		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - 100% Secant <sup>1</sup>	8.62	MPa	ASTM D638
Tensile Strength <sup>2</sup>	12.8	MPa	ASTM D638
Tensile Elongation <sup>3</sup> (Break)	300	%	ASTM D638
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air <sup>4</sup> (121°C, 336 hr)	-10	%	UL 1581
Change in Ultimate Elongation in Air <sup>5</sup> (121°C, 336 hr)	-11	%	UL 1581
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-38.0	°C	ASTM D746
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	25	%	ASTM D2863
NOTE			
1.	Unaged Dumbbells: .06 inch		
2.	Unaged Dumbbells: .06 inch		
3.	Unaged Dumbbells: .06 inch		
4.	Air Aged Retention		
5.	Air Aged Retention		

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Recommended distributors for this material

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