

## Manner Flexible PVC V947A

Manner Polymers - Flexible Polyvinyl Chloride

### General Information

#### Product Description

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

Material Status	• Commercial: Active
Availability	• North America
Uses	• Cable Jacketing • Wire & Cable Applications

### Properties <sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.39 to 1.43		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - 100% Secant <sup>2</sup>	1250	psi	ASTM D638
Tensile Strength <sup>2</sup>	1850	psi	ASTM D638
Tensile Elongation <sup>2</sup> (Break)	300	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	79 to 85		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-36.4	°F	ASTM D746
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air <sup>3</sup> (250°F, 336 hr)	-10	%	UL 1581
Change in Ultimate Elongation in Air <sup>3</sup> (250°F, 336 hr)	-11	%	UL 1581
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	25	%	ASTM D2863

### Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.

<sup>2</sup> Unaged Dumbbells: .06 inch

<sup>3</sup> Air Aged Retention

