

## Manner Flexible PVC V970 NAT601

Manner Polymers - Flexible Polyvinyl Chloride

### General Information

#### Product Description

Recommended Applications: 105°C Insulation and Jacket Compound designed for use in CL2R, CL3R applications. This product complies with the European Union Restriction on Hazardous Substances (RoHS) directive.

#### General

Material Status	• Commercial: Active
Availability	• North America
Uses	• Cable Jacketing • Insulation • Wire & Cable Applications
Appearance	• Natural Color

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

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.36 to 1.40		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>2</sup>	2750	psi	ASTM D638
Tensile Elongation <sup>2</sup> (Break)	350	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore C, 15 sec)	67 to 73		ASTM D2240
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air <sup>3</sup> (277°F, 168 hr)	-1.0	%	UL 1581
Change in Ultimate Elongation in Air <sup>3</sup> (277°F, 168 hr)	2.0	%	UL 1581
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	34	%	ASTM D2863

### Notes

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

<sup>2</sup> Unaged Dumbbells: .03 inch

<sup>3</sup> Air Aged Retention

