

## Manner Flexible PVC V980 NAT601

Manner Polymers - Flexible Polyvinyl Chloride

### General Information

#### Product Description

Recommended Applications: Non-Lead Heat Stabilized 105°C Automotive Extrusion Compound for use in battery cables; Designed to meet ISO 6722 -40° to 105°C. This compound is RoHS compliant.

#### General

Material Status	• Commercial: Active
Availability	• North America
Additive	• Heat Stabilizer
Features	• Heat Stabilized • Low (to None) Lead Content
Uses	• Automotive Applications
Agency Ratings	• ISO 6722
Processing Method	• Extrusion

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

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.31 to 1.35		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - 100% Secant	2000	psi	ASTM D638
Tensile Strength <sup>2</sup>	2900	psi	ASTM D638
Tensile Elongation (Break)	320	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	84 to 90		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-22.0	°F	ASTM D746

### Notes

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

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

