

## Manner Flexible PVC V977 NAT601

Manner Polymers - Flexible Polyvinyl Chloride

### General Information

#### Product Description

Recommended Applications: Non-Lead Heat Stabilized 125°C Automotive Extrusion Compound for use in thin wall Applications; Designed to meet Ford Global Spec ES-AU5T-1A348-AA Class III and ISO 6722 -40° to 125°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 • Wire & Cable Applications
Agency Ratings	• ISO 6722

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

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.32 to 1.36		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>2</sup>	3500	psi	ASTM D638
Tensile Elongation (Break)	290	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 15 sec)	48 to 54		ASTM D2240
Aging	Nominal Value	Unit	Test Method
Change in Ultimate Elongation in Air (302°F, 240 hr)	0.0	%	UL 1581

### Processing Information

Extrusion	Nominal Value	Unit
Cylinder Zone 1 Temp.	338 to 374	°F
Cylinder Zone 3 Temp.	338 to 374	°F
Cylinder Zone 5 Temp.	338 to 374	°F

### Notes

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

<sup>2</sup> .01 inch

