

## Manner Flexible PVC V936 NAT601

Manner Polymers - Flexible Polyvinyl Chloride

### General Information

#### Product Description

Recommended Applications: 80°C Wire extrusion compound for SAE J1128 - types GPT,TWP,HDT and JASO D611. This product complies with the European Union Restriction on Hazardous Substances (RoHS) directive.

#### General

Material Status	• Commercial: Active
Availability	• North America
Uses	• Wire & Cable Applications
Agency Ratings	• SAE J1128
Appearance	• Natural Color

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

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.30 to 1.34		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>2</sup>	3700	psi	ASTM D638
Tensile Elongation <sup>2</sup> (Break)	330	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 15 sec)	39 to 45		ASTM D2240
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air <sup>3</sup> (230°F, 168 hr)	-2.0	%	UL 1581
Change in Ultimate Elongation in Air <sup>3</sup> (230°F, 168 hr)	-1.0	%	UL 1581
Additional Information	Nominal Value	Unit	Test Method
Stock Temperature - Recommended Extrusion	360	°F	

### Notes

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

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

<sup>3</sup> Air Aged: .03 inch

