

Manner Flexible PVC V977 NAT601

Flexible Polyvinyl Chloride

Manner Plastics, L.P.

Message:

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 Information | | | |
|--|----------------------------|-------------------|-------------|
| Additive | Heat Stabilizer | | |
| Features | Heat Stabilized | | |
| | Low (to None) Lead Content | | |
| Uses | Automotive Applications | | |
| | Wire & Cable Applications | | |
| Agency Ratings | ISO 6722 | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 1.32 to 1.36 | g/cm ³ | ASTM D792 |
| Hardness | Nominal Value | Unit | Test Method |
| Durometer Hardness (Shore D, 15 sec) | 48 to 54 | | ASTM D2240 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength ¹ | 24.1 | MPa | ASTM D638 |
| Tensile Elongation (Break) | 290 | % | ASTM D638 |
| Aging | Nominal Value | Unit | Test Method |
| Change in Ultimate Elongation in Air (150°C, 240 hr) | 0.0 | % | UL 1581 |
| Extrusion | Nominal Value | Unit | |
| Cylinder Zone 1 Temp. | 170 to 190 | °C | |
| Cylinder Zone 3 Temp. | 170 to 190 | °C | |
| Cylinder Zone 5 Temp. | 170 to 190 | °C | |
| NOTE | | | |
| 1. | .01 inch | | |

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