

## Manner Flexible PVC V929\_02 NAT601

Manner Polymers - Flexible Polyvinyl Chloride

### General Information

#### Product Description

Recommended Applications: 75°C Communication Jacketing compound suitable for CMR, CL2,CL2R ,FPLR,FT-4, OFNR, CATVR and FPLR over non FR Insulation. This product complies with the European Union Restriction on Hazardous Substances (RoHS) directive.

#### General

|                 |                                                                                  |
|-----------------|----------------------------------------------------------------------------------|
| Material Status | • Commercial: Active                                                             |
| Availability    | • North America                                                                  |
| Uses            | • Cable Jacketing • Communication Cable Jacketing • Communication Wire Jacketing |
| Appearance      | • Natural Color                                                                  |

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

| Physical                                                          | Nominal Value | Unit | Test Method    |
|-------------------------------------------------------------------|---------------|------|----------------|
| Density / Specific Gravity                                        | 1.51 to 1.55  |      | ASTM D792      |
| Mechanical                                                        | Nominal Value | Unit | Test Method    |
| Tensile Strength <sup>2</sup>                                     | 2100          | psi  | ASTM D638      |
| Tensile Elongation <sup>2</sup> (Break)                           | 280           | %    | ASTM D638      |
| Hardness                                                          | Nominal Value | Unit | Test Method    |
| Durometer Hardness (Shore A, 15 sec)                              | 85 to 91      |      | ASTM D2240     |
| Thermal                                                           | Nominal Value | Unit | Test Method    |
| Brittleness Temperature                                           | 1.40          | °F   | ASTM D746      |
| Aging                                                             | Nominal Value | Unit | Test Method    |
| Change in Tensile Strength in Air <sup>3</sup> (212°F, 240 hr)    | -5.0          | %    | UL Unspecified |
| Change in Ultimate Elongation in Air <sup>3</sup> (212°F, 240 hr) | -10           | %    | UL Unspecified |
| Flammability                                                      | Nominal Value | Unit | Test Method    |
| Oxygen Index                                                      | 40            | %    | ASTM D2863     |

### Notes

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

<sup>2</sup> Unaged Dumbbell: .075 inch

<sup>3</sup> Air Aged: .075 inch

