

Manner Flexible PVC V876

Manner Polymers - Flexible Polyvinyl Chloride

General Information

Product Description

Recommended Applications: 75°C Communication Jacketing compound for CL2,CL2R,CMR and CMX wire types. This product complies with the European Union Restriction on Hazardous Substances (RoHS) directive.

General

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|-----------------|---|
| Material Status | • Commercial: Active |
| Availability | • North America |
| Uses | • Cable Jacketing • Wire & Cable Applications |

Properties ¹

| Physical | Nominal Value | Unit | Test Method |
|---|---------------|------|-------------|
| Density / Specific Gravity | 1.37 to 1.41 | | ASTM D792 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Modulus - 100% Secant ² | 1900 | psi | ASTM D638 |
| Tensile Strength ² | 3300 | psi | ASTM D638 |
| Tensile Elongation ² (Break) | 300 | % | ASTM D638 |
| Hardness | Nominal Value | Unit | Test Method |
| Durometer Hardness (Shore A) | 88 to 94 | | ASTM D2240 |
| Thermal | Nominal Value | Unit | Test Method |
| Brittleness Temperature | -0.400 | °F | ASTM D746 |
| Aging | Nominal Value | Unit | Test Method |
| Change in Tensile Strength in Air ³ (212°F, 240 hr) | 5.0 | % | UL 1581 |
| Change in Ultimate Elongation in Air ³ (212°F, 240 hr) | -5.0 | % | UL 1581 |
| Flammability | Nominal Value | Unit | Test Method |
| Oxygen Index | 32 | % | ASTM D2863 |

Notes

¹ Typical properties: these are not to be construed as specifications.

² Unaged Dumbbell: .03 inch

³ Air Aged: .03 inch

