

## Manner Flexible PVC M1173

Manner Polymers - Flexible Polyvinyl Chloride

### General Information

#### Product Description

Recommended Applications: 105°C General Purpose Injection Molding Compound for low odor Appliance and Automotive Harness Components. This product complies with the European Union Restriction on Hazardous Substances (RoHS) directive. UL Recognized Compound.

#### General

|                   |   |
|-------------------|---|
| Material Status   | • Commercial: Active                                  |
| Availability      | • North America                                       |
| Features          | • General Purpose      • Low Odor                     |
| Uses              | • Appliance Components      • Automotive Applications |
| Processing Method | • Injection Molding                                   |

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

| Physical                                | Nominal Value | Unit | Test Method |
|---|---------------|------|-------------|
| Density / Specific Gravity              | 1.23 to 1.27  |      | ASTM D792   |
| Mechanical                              | Nominal Value | Unit | Test Method |
| Tensile Strength                        | 2000          | psi  | ASTM D638   |
| Tensile Elongation (Break)              | 480           | %    | ASTM D638   |
| Hardness                                | Nominal Value | Unit | Test Method |
| Durometer Hardness (Shore A, 15 sec)    | 69 to 75      |      | ASTM D2240  |
| Flammability                            | Nominal Value | Unit | Test Method |
| Flame Rating                            | HB            |      | UL 94       |
| Additional Information                  | Nominal Value | Unit | Test Method |
| Stock Temperature - Recommended Molding | 350           | °F   |             |

### Notes

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

