

Manner Flexible PVC X4175

Manner Polymers - Flexible Polyvinyl Chloride

General Information

Product Description

Lead-free economy grade tubing and profile extrusion compound where a smooth matte surface is desired. This product is not recommended for injection molding. This product complies with the European Union Restriction on Hazardous Substances (RoHS) directive.

General

| | |
|-------------------|---------------------------------|
| Material Status | • Commercial: Active |
| Availability | • North America |
| Features | • Low (to None) Lead Content |
| Uses | • Profiles • Tubing |
| RoHS Compliance | • RoHS Compliant |
| Processing Method | • Extrusion • Profile Extrusion |

Properties ¹

| Physical | Nominal Value | Unit | Test Method |
|---------------------------------------|---------------|------|-------------|
| Density / Specific Gravity | 1.45 to 1.49 | | ASTM D792 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength | | | ASTM D638 |
| 0.0300 in | 1180 | psi | |
| 100% Strain, 0.0300 in | 630 | psi | |
| Tensile Elongation (Break, 0.0300 in) | 360 | % | ASTM D638 |
| Hardness | Nominal Value | Unit | Test Method |
| Durometer Hardness | | | ASTM D2240 |
| Shore A | 75 | | |
| Shore A, 15 sec | 67 | | |
| Thermal | Nominal Value | Unit | Test Method |
| Brittleness Temperature | -31.0 | °F | ASTM D746 |

Notes

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

