

## Manner Flexible PVC X3590

Manner Polymers - Flexible Polyvinyl Chloride

### General Information

#### Product Description

Lead-free tubing and profile extrusion compound made with FDA sanctioned materials. 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 <sup>1</sup>

| Physical                              | Nominal Value | Unit | Test Method |
|---------------------------------------|---------------|------|-------------|
| Density / Specific Gravity            | 1.38 to 1.42  |      | ASTM D792   |
| Mechanical                            | Nominal Value | Unit | Test Method |
| Tensile Strength                      |               |      | ASTM D638   |
| 0.0300 in                             | 2910          | psi  |             |
| 100% Strain, 0.0300 in                | 1480          | psi  |             |
| Tensile Elongation (Break, 0.0300 in) | 320           | %    | ASTM D638   |
| Hardness                              | Nominal Value | Unit | Test Method |
| Durometer Hardness                    |               |      | ASTM D2240  |
| Shore A                               | 90            |      |             |
| Shore A, 15 sec                       | 84            |      |             |

### Notes

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

