

## Manner Flexible PVC X4765

Manner Polymers - Flexible Polyvinyl Chloride

### General Information

#### Product Description

FDA (food grade) transparent compound suitable for tubing, profile extrusion and certain injection molding applications. All ingredients in this compound are approved for food contact by the FDA. This product complies with the European Union Restriction on Hazardous Substances (RoHS) directive.

#### General

|                   |                                                     |
|-------------------|-----------------------------------------------------|
| Material Status   | • Commercial: Active                                |
| Availability      | • North America                                     |
| Features          | • Food Contact Acceptable                           |
| Uses              | • Profiles • Tubing                                 |
| Agency Ratings    | • FDA Food Contact                                  |
| RoHS Compliance   | • RoHS Compliant                                    |
| Appearance        | • Clear/Transparent                                 |
| Processing Method | • Extrusion • Injection Molding • Profile Extrusion |

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

| Physical                              | Nominal Value | Unit | Test Method |
|---------------------------------------|---------------|------|-------------|
| Density / Specific Gravity            | 1.15 to 1.19  |      | ASTM D792   |
| Mechanical                            | Nominal Value | Unit | Test Method |
| Tensile Strength                      |               |      | ASTM D638   |
| 0.0600 in                             | 1700          | psi  |             |
| 100% Strain, 0.0600 in                | 750           | psi  |             |
| Tensile Elongation (Break, 0.0600 in) | 440           | %    | ASTM D638   |
| Hardness                              | Nominal Value | Unit | Test Method |
| Durometer Hardness                    |               |      | ASTM D2240  |
| Shore A                               | 65            |      |             |
| Shore A, 15 sec                       | 59            |      |             |
| Thermal                               | Nominal Value | Unit | Test Method |
| Brittleness Temperature               | -45.4         | °F   | ASTM D746   |

### Notes

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

