

Manner Flexible PVC X3640

Manner Polymers - Flexible Polyvinyl Chloride

General Information

Product Description

For the extruded profile and tubing industries, Manner has developed a broad line of products which include low, medium, and high specific gravity materials as well as FDA and NSF recognized compounds. A general purpose transparent offering excellent clarity is also available.

The table below shows some of our most popular compounds, but is not a comprehensive view of the Manner Plastics product portfolio. If you do not see a compound offering the performance your application requires, please contact us. We may already have a custom formulation that meets your needs.

General

| | |
|-------------------|--|
| Material Status | • Commercial: Active |
| Availability | • North America |
| Features | • Good Flexibility • High Clarity |
| Uses | • Profiles • Tubing |
| Appearance | • Clear/Transparent |
| Forms | • Pellets |
| Processing Method | • Extrusion • Profile Extrusion |

Properties ¹

| Physical | Nominal Value | Unit | Test Method |
|------------------------------|---------------|------|-------------|
| Density / Specific Gravity | 1.12 | | ASTM D792 |
| Elastomers | Nominal Value | Unit | Test Method |
| Tensile Stress (100% Strain) | 551 | psi | ASTM D638 |
| Tensile Strength (Yield) | 1840 | psi | ASTM D638 |
| Tensile Elongation (Break) | 440 | % | ASTM D638 |
| Hardness | Nominal Value | Unit | Test Method |
| Durometer Hardness (Shore A) | 65 | | ASTM D2240 |

Notes

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

