

Manner Flexible PVC X4190

Flexible Polyvinyl Chloride

Manner Plastics, L.P.

Message:

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 Information | |
|---------------------|----------------------------------|
| Features | Good Flexibility High Clarity |
| Uses | Profiles Tubing |
| Appearance | Clear/Transparent |
| Forms | Pellets |
| Processing Method | Extrusion Profile Extrusion |

| Physical | Nominal Value | Unit | Test Method |
|------------------------------|---------------|-------------------|-------------|
| Specific Gravity | 1.47 | g/cm ³ | ASTM D792 |
| Hardness | Nominal Value | Unit | Test Method |
| Durometer Hardness (Shore A) | 90 | | ASTM D2240 |
| Elastomers | Nominal Value | Unit | Test Method |
| Tensile Stress (100% Strain) | 11.0 | MPa | ASTM D638 |
| Tensile Strength (Yield) | 14.8 | MPa | ASTM D638 |
| Tensile Elongation (Break) | 260 | % | ASTM D638 |
| Thermal | Nominal Value | Unit | Test Method |
| Brittleness Temperature | -20.0 | °C | ASTM D746 |

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Recommended distributors for this material

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