

Unichem 5376

Polyvinyl Chloride

Colorite Polymers

Message:

Unichem 5376 is a Polyvinyl Chloride product. It is available in North America. Applications of Unichem 5376 include military applications and wire & cable. Primary characteristic: heat resistant.

| General Information | | | |
|------------------------------|------------------------|-------------------|-------------|
| Features | Good Thermal Stability | | |
| Agency Ratings | MIL 631D Grade C | | |
| | UL 224 | | |
| Appearance | Clear/Transparent | | |
| Forms | Pellets | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 1.24 | g/cm ³ | ASTM D792 |
| Hardness | Nominal Value | Unit | Test Method |
| Durometer Hardness (Shore A) | 87 | | ASTM D2240 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength (Yield) | 21.0 | MPa | ASTM D638 |
| Tensile Elongation (Yield) | 300 | % | ASTM D638 |
| Thermal | Nominal Value | Unit | Test Method |
| Brittleness Temperature | -20.0 | °C | ASTM D746 |
| Electrical | Nominal Value | Unit | Test Method |
| Volume Resistivity | 2.2E+13 | ohms·cm | ASTM D257 |
| Dielectric Strength | 39 | kV/mm | ASTM D149 |

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