

Unichem 1077

Flexible Polyvinyl Chloride

Colorite Polymers

Message:

Unichem 1077 is a Flexible Polyvinyl Chloride product. It can be processed by extrusion or injection molding and is available in North America. Typical application: Medical/Healthcare.

| General Information | |
|---------------------|---------------------------------|
| Uses | Medical/Healthcare Applications |
| Forms | Pellets |
| Processing Method | Extrusion |
| | Injection Molding |

| Physical | Nominal Value | Unit | Test Method |
|------------------------------|--------------------|-------------------|-------------|
| Specific Gravity | 1.30 | g/cm ³ | ASTM D792 |
| Hardness | Nominal Value | Unit | Test Method |
| Durometer Hardness (Shore D) | 70 | | ASTM D2240 |
| Injection | Nominal Value | Unit | |
| Processing (Melt) Temp | 163 to 168 | °C | |
| Mold Temperature | 10.0 to 37.8 | °C | |
| Back Pressure | 0.689 to 2.76 | MPa | |
| Screw Speed | 40 to 100 | rpm | |
| Screw Compression Ratio | 2.0:1.0 to 3.0:1.0 | | |

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