

Colorite 12 Series 6812

Polyvinyl Chloride

Colorite Polymers

Message:

Colorite 12 Series 6812 is a Polyvinyl Chloride product. It can be processed by injection molding and is available in Asia Pacific, Europe, or North America. Applications of Colorite 12 Series 6812 include electrical/electronic applications, engineering/industrial parts and medical/healthcare.

Characteristics include:

Good Mold Release

Heat Resistant

High Flow

High Purity

Non-Toxic

| General Information | | | |
|-------------------------------|---------------------------------|-------------------|-------------|
| Features | Good Mold Release | | |
| | Good Thermal Stability | | |
| | High Flow | | |
| | High Purity | | |
| | Non-Toxic | | |
| Uses | Connectors | | |
| | Medical/Healthcare Applications | | |
| | Valves/Valve Parts | | |
| Processing Method | Injection Molding | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 1.20 | g/cm ³ | ASTM D792 |
| Hardness | Nominal Value | Unit | Test Method |
| Durometer Hardness (Shore A) | 68 | | ASTM D2240 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Modulus - 100% Secant | 5.52 | MPa | ASTM D638 |
| Tensile Strength | 13.1 | MPa | ASTM D638 |
| Tensile Elongation (Break) | 400 | % | ASTM D638 |
| Thermal | Nominal Value | Unit | Test Method |
| Brittleness Temperature | -40.0 | °C | ASTM D746 |

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