

APEX® 3200-50NT

Flexible Polyvinyl Chloride

Teknor Apex Company

Message:

APEX® 3200-50NT is a Flexible Polyvinyl Chloride material. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America for injection molding.

Important attributes of APEX® 3200-50NT are:

Plasticized

Sterilizable

Typical applications include:

Electrical/Electronic Applications

Engineering/Industrial Parts

Food Contact Applications

Medical/Healthcare

| General Information | | | |
|--------------------------------------|---------------------------------|-------------------|-------------|
| Additive | Plasticizer | | |
| Features | DEHP Plasticizer | | |
| | Ethylene Oxide Sterilizable | | |
| Uses | Connectors | | |
| | Medical/Healthcare Applications | | |
| | Non-specific Food Applications | | |
| | Valves/Valve Parts | | |
| Appearance | Clear/Transparent | | |
| Forms | Pellets | | |
| Processing Method | Injection Molding | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 1.14 | g/cm ³ | ASTM D792 |
| Hardness | Nominal Value | Unit | Test Method |
| Durometer Hardness (Shore A, 15 sec) | 50 | | ASTM D2240 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength | | | ASTM D638 |
| Break | 9.31 | MPa | |
| 100% Strain | 2.55 | MPa | |
| Tensile Elongation (Break) | 480 | % | ASTM D638 |
| Thermal | Nominal Value | Unit | Test Method |
| Brittleness Temperature | -44.0 | °C | ASTM D746 |
| Injection | Nominal Value | Unit | |
| Processing (Melt) Temp | 160 | °C | |

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Recommended distributors for this material

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