

APEX® 32033RV-70NT1

Teknor Apex Company - Flexible Polyvinyl Chloride

Saturday, September 14, 2024

General Information

General

| | |
|----------------------|---|
| Material Status | <ul style="list-style-type: none"> Commercial: Active |
| Availability | <ul style="list-style-type: none"> Africa & Middle East Asia Pacific Latin America North America |
| Features | <ul style="list-style-type: none"> ADM Compliant BPA Free E-beam Sterilizable Ethylene Oxide Sterilizable Latex Free Non-Phthalate - TOTM Plasticizer Non-Phthalate Plasticizer Radiation (Gamma) Resistant Radiation Sterilizable |
| Regulatory Statement | <ul style="list-style-type: none"> Due to the frequent updates to regulations, specifically, California Proposition 65, EU REACH SVHCs, and RoHS, please contact Teknor Apex for the most up to date compliance statement, or refer to section 15 of the product SDS. |
| Forms | <ul style="list-style-type: none"> Pellets |
| Processing Method | <ul style="list-style-type: none"> Injection Molding |

ASTM & ISO Properties¹

| Physical | Nominal Value | Unit | Test Method |
|----------------------------------|---------------|-------------------|-------------|
| Density / Specific Gravity | 1.18 | g/cm ³ | ASTM D792 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength | | | ASTM D638 |
| 50% Strain | 3.41 | MPa | |
| 100% Strain | 5.69 | MPa | |
| 300% Strain | 11.4 | MPa | |
| Tensile Strength (Break) | 13.9 | MPa | ASTM D638 |
| Tensile Elongation (Break) | 400 | % | ASTM D638 |
| Hardness | Nominal Value | Unit | Test Method |
| Durometer Hardness | | | ASTM D2240 |
| Shore A, 15 sec, Operating Stand | 65 | | |
| Shore A, 15 sec, Hand Held | 70 | | |

Revision Date: 5/22/2024

The information and recommendations contained in this bulletin are, to the best of our knowledge, accurate and reliable but no guarantee of their accuracy is made. All products are sold upon condition that purchasers shall make their own tests to determine the suitability of such products for their particular purposes and uses and purchasers assume all risks and liability for the results of use of the products, including use in accordance with seller's recommendations. Nothing in this bulletin constitutes permission or a recommendation to practice or use any invention covered by any patent owned by this company or by others. There is no warranty of merchantability and there are no other warranties for the products described.

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Additional Information

EXAMPLE INJECTION MOLDING APPLICATIONS

Adaptors
Blood Pressure Bulbs
Canulae
Caps
Connectors
Drip/Sight Chambers
Ear Protection
Endotracheal Airway Cuffs
Luers
Mouthpieces
Oxygen Masks
Personal Safety Goggles
Resuscitation Bags
Suction Bulbs
Syringe Bulbs
Valves

Data Sheet Applies to Color(s) Listed Below:

Clear Blue B8 NP (1136802)

Clear NP (1136187)

10/19 Core

Processing Information

| Extrusion | Nominal Value | Unit |
|------------------|---------------|------|
| Melt Temperature | 166 to 177 | °C |

Notes

¹ Typical properties: these are not to be construed as specifications.

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|--|--|--|--|
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