

APEX® 32043RV-65NT1 CBL B8 NP

Teknor Apex Company - Flexible Polyvinyl Chloride

Tuesday, August 27, 2019

General Information

General

| | | | |
|-------------------|--|---|---|
| Material Status | • Commercial: Active | | |
| Availability | • Africa & Middle East • Asia Pacific | • Europe • Latin America | • North America |
| Features | • BPA Free • DOTP Blend Plasticizer • E-beam Sterilizable • Ethylene Oxide Sterilizable | • Latex Free • No Animal Derived Components • Non-Phthalate - TOTM Plasticizer • Non-Phthalate Plasticizer | • Radiation (Gamma) Resistant • Radiation Sterilizable |
| Agency Ratings | • EC 1907/2006 (REACH) | • OEHHHA (California) Proposition 65 | |
| RoHS Compliance | • RoHS Compliant | | |
| Forms | • Pellets | | |
| Processing Method | • Injection Molding | | |

ASTM & ISO Properties ¹

| Physical | Nominal Value | Unit | Test Method |
|----------------------------------|---------------|------|-------------|
| Density / Specific Gravity | 1.17 | | ASTM D792 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength | | | ASTM D638 |
| 50% Strain | 425 | psi | |
| 100% Strain | 705 | psi | |
| 300% Strain | 1490 | psi | |
| Tensile Strength (Break) | 1840 | psi | ASTM D638 |
| Tensile Elongation (Break) | 420 | % | ASTM D638 |
| Hardness | Nominal Value | Unit | Test Method |
| Durometer Hardness | | | ASTM D2240 |
| Shore A, 15 sec, Operating Stand | 59 | | |
| Shore A, 15 sec, Hand Held | 65 | | |

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 (1136725)

Revision Date: 8/9/2019

+135-3858-6433
+188-1699-6168
+852-695-75415

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Processing Information

| Extrusion | Nominal Value | Unit |
|------------------|----------------------|-------------|
| Melt Temperature | 325 to 345 | °F |

Notes

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

Revision Date: 8/9/2019

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