

APEX® 32033RV-85NT1 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 • 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) | • OEHHA (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 | 1.23 | | ASTM D792 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength | | | ASTM D638 |
| 50% Strain | 1010 | psi | |
| 100% Strain | 1500 | psi | |
| 300% Strain | 2330 | psi | |
| Tensile Strength (Break) | 2450 | psi | ASTM D638 |
| Tensile Elongation (Break) | 340 | % | ASTM D638 |
| Hardness | Nominal Value | Unit | Test Method |
| Durometer Hardness | | | ASTM D2240 |
| Shore A, 15 sec, Operating Stand | 80 | | |
| Shore A, 15 sec, Hand Held | 85 | | |

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 (1136810)

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

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Processing Information

| Extrusion | Nominal Value | Unit |
|------------------|----------------------|-------------|
| Melt Temperature | 345 to 365 | °F |

Notes

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

Revision Date: 8/9/2019

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