

APEX® 33033RV-55NT1 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 | • Extrusion | | |

ASTM & ISO Properties ¹

| Physical | Nominal Value | Unit | Test Method |
|----------------------------------|---------------|------|-------------|
| Density / Specific Gravity | 1.14 | | ASTM D792 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength | | | ASTM D638 |
| 50% Strain | 250 | psi | |
| 100% Strain | 425 | psi | |
| 300% Strain | 965 | psi | |
| Tensile Strength (Break) | 1250 | psi | ASTM D638 |
| Tensile Elongation (Break) | 430 | % | ASTM D638 |
| Hardness | Nominal Value | Unit | Test Method |
| Durometer Hardness | | | ASTM D2240 |
| Shore A, 15 sec, Operating Stand | 49 | | |
| Shore A, 15 sec, Hand Held | 55 | | |

Additional Information

EXAMPLE EXTRUSION APPLICATIONS

Blood Pressure Tubing
 Blood Transport & Delivery
 Bubble Tubing
 Cable Jacketing
 Catheters
 Dialysis Tubing
 Drainage Tubing
 Endotracheal Airway Tubing
 Enteral Feeding Systems
 Infusion Tubing
 Oxygen Tubing
 Peristaltic Pump Tubing
 Suction Tubing

Data Sheet Applies to Color(s) Listed Below:
 Clear Blue B8 NP (1136594)

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

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Processing Information

| Extrusion | Nominal Value | Unit |
|------------------|---------------|------|
| Melt Temperature | 310 to 330 | °F |

Notes

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

Revision Date: 8/9/2019

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