



# APEX® 33033RV-85NT1

Teknor Apex Company - Flexible Polyvinyl Chloride

## General Information

### General

|                      |                                                                                                                                                                                                                                      |                                                                                     |                                                                                          |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|
| Material Status      | • Commercial: Active                                                                                                                                                                                                                 |                                                                                     |                                                                                          |
| Availability         | • Africa & Middle East<br>• Asia Pacific                                                                                                                                                                                             | • Latin America<br>• North America                                                  |                                                                                          |
| Features             | • ADM Compliant<br>• BPA Free<br>• E-beam Sterilizable                                                                                                                                                                               | • Ethylene Oxide Sterilizable<br>• Latex Free<br>• Non-Phthalate - TOTM Plasticizer | • Non-Phthalate Plasticizer<br>• Radiation (Gamma) Resistant<br>• Radiation Sterilizable |
| Regulatory Statement | • 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                | • Pellets                                                                                                                                                                                                                            |                                                                                     |                                                                                          |
| Processing Method    | • Extrusion                                                                                                                                                                                                                          |                                                                                     |                                                                                          |

## ASTM & ISO Properties <sup>1</sup>

| 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                       | 960           | psi  |             |
| 100% Strain                      | 1500          | psi  |             |
| 300% Strain                      | 2450          | psi  |             |
| Tensile Strength (Break)         | 2720          | psi  | ASTM D638   |
| Tensile Elongation (Break)       | 380           | %    | 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            |      |             |

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### 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 Colors Listed Below:

Clear NP (1136159)  
Clear Blue B8 NP (1136588)  
Clear Blue 906 NP (1138060)  
Clear Blue 909 NP (1138817)  
Clear Blue 913 NP (1139053)

7/2020-lmo

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### Processing Information

| Extrusion        | Nominal Value | Unit |
|------------------|---------------|------|
| Melt Temperature | 340 to 360    | °F   |

### Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.