

# FLEXALLOY® 35033RV-80NT1 CBL B8 NP

Teknor Apex Company - Flexible Polyvinyl Chloride

Wednesday, August 28, 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	• Injection Molding	

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

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.20		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
50% Strain	880	psi	
100% Strain	1410	psi	
300% Strain	2650	psi	
Tensile Strength (Break)	2840	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	75		
Shore A, 15 sec, Hand Held	80		

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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

#### 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 (1136620)

### Processing Information

Extrusion	Nominal Value	Unit
Melt Temperature	365 to 380	°F

### Notes

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

Revision Date: 8/9/2019

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