

FLEXALLOY® 35033RV-45NT1 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 ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.12		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
50% Strain	190	psi	
100% Strain	360	psi	
300% Strain	890	psi	
Tensile Strength (Break)	1300	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	40		
Shore A, 15 sec, Hand Held	45		

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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 (1136627)

Processing Information

Extrusion	Nominal Value	Unit
Melt Temperature	335 to 350	°F

Notes

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

Revision Date: 8/9/2019

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