

APEX® 32022RV-50NT 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 - Citrate 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	1.19		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
50% Strain	215	psi	
100% Strain	395	psi	
300% Strain	950	psi	
Tensile Strength (Break)	1230	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	46		
Shore A, 15 sec, Hand Held	50		

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 (1136815)

+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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