

APEX® 32042RV-90NT 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 • DOTP Blend Plasticizer • 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	1.25		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
50% Strain	1610	psi	
100% Strain	2190	psi	
Tensile Strength (Break)	2920	psi	ASTM D638
Tensile Elongation (Break)	260	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A, 15 sec, Operating Stand	86		
Shore A, 15 sec, Hand Held	90		

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 (1136714)

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

APEX® 32042RV-90NT CBL B8 NF
Teknor Apex Company - Flexible Polyvinyl Chloride

Processing Information

Extrusion	Nominal Value	Unit
Melt Temperature	350 to 370	°F

Notes

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

Revision Date: 8/9/2019

The information and recommendations contained in this bulletin are, to the best of our knowledge, accurate and reliable but no guarantee of their accuracy is made. All products are sold upon condition that purchasers shall make their own tests to determine the suitability of such products for their particular purposes and uses and purchasers assume all risks and liability for the results of use of the products, including use in accordance with seller's recommendations. Nothing in this bulletin constitutes permission or a recommendation to practice or use any invention covered by any patent owned by this company or by others. There is no warranty of merchantability and there are no other warranties for the products described.