



APEX® 33043RV-90NT1

Teknor Apex Company - Flexible Polyvinyl Chloride

General Information

General			
Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Latin America • North America	
Features	• ADM Compliant • BPA Free • DOTP Blend Plasticizer • E-beam Sterilizable	• Ethylene Oxide Sterilizable • Latex Free • Non-Phthalate - TOTM Plasticizer • Non-Phthalate Plasticizer	• Radiation (Gamma) Resistant • 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 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	1620	psi	
100% Strain	2160	psi	
300% Strain	3000	psi	
Tensile Strength (Break)	3070	psi	ASTM D638
Tensile Elongation (Break)	330	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			
Shore A, 15 sec, Operating Stand	85		ASTM D2240
Shore A, 15 sec, Hand Held	90		CI-TM8

APEX® 33043RV-90NT1

Teknor Apex Company - Flexible Polyvinyl Chloride

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 Color(s) Listed Below:

Clear (1136038)
Clear Blue B8 NP (1136608)
Clear Blue B6 NP (1151338)
CLEAR-NP (1136038)

10/19 Core

Processing Information

Extrusion	Nominal Value	Unit
Melt Temperature	345 to 365	°F

Notes

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