

APEX® 33033RV-70NT1

Teknor Apex Company - Flexible Polyvinyl Chloride

Saturday, September 14, 2024

General Information

General

Material Status	<ul style="list-style-type: none"> Commercial: Active
Availability	<ul style="list-style-type: none"> Africa & Middle East Asia Pacific Latin America North America
Features	<ul style="list-style-type: none"> ADM Compliant BPA Free E-beam Sterilizable Ethylene Oxide Sterilizable Latex Free Non-Phthalate - TOTM Plasticizer Non-Phthalate Plasticizer Radiation (Gamma) Resistant Radiation Sterilizable
Regulatory Statement	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> Pellets
Processing Method	<ul style="list-style-type: none"> Extrusion

ASTM & ISO Properties¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.18	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
50% Strain	3.10	MPa	
100% Strain	5.31	MPa	
300% Strain	11.6	MPa	
Tensile Strength (Break)	15.0	MPa	ASTM D638
Tensile Elongation (Break)	410	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A, 15 sec, Operating Stand	65		
Shore A, 15 sec, Hand Held	70		

Revision Date: 5/22/2024

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.

APEX® 33033RV-70NT1

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 NP (1136152)
Blue 1236NP (1141749)
Blue 2345NP (1137672)
Clear Blue B8 NP (1136591)
Clear Blue 933 NP (1141341)
Red 889 NP (1144320)
Green 876NP (1142194)
Red 1198 NP (1147331)

12/20 sp

Processing Information

Extrusion	Nominal Value	Unit
Melt Temperature	163 to 174	°C

Notes

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

Teknor Apex Company Corporate Headquarters	Teknor Apex B.V.	Teknor Apex (Suzhou) Advanced Polymer Compounds Co. Pte. Ltd.	Teknor Apex Asia Pacific PTE. LTD.
<i>In U.S. for Vinyls, TPEs, Colorants,</i>	Brightlands Chemelot Campus Umonderbaan 22	No. 78 Ping Sheng Road	41 Shipyard Road
<i>Engineered Thermoplastics (Chem Polymer)</i>	6167 RD Geleen, Netherlands	Suzhou Industrial Park Jiangsu, China 215126	Singapore 628134
505 Central Avenue	Phone: +31 46 7020 950	Phone: (86) 512-6287-1550	Phone: (65) 6265-2544
Pawtucket, Rhode Island 02861 U.S.	Fax: +31 46 7020 990	Fax: (86) 512-6288-8371	Fax: (65) 6265-1821
Phone: 401-725-8000	www.teknorapex.com	www.teknorapex.com	www.teknorapex.com
Fax: 401-725-8095	tpe@teknorapex.com	infotaap@teknorapex.com	infotaap@teknorapex.com
Toll Free (U.S. only) 800-556-3864			
www.teknorapex.com			
info@teknorapex.com			

Revision Date: 5/22/2024

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.