



FLEXALLOY® 35043RV-70NT1

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 • DOTP Blend Plasticizer • E-beam Sterilizable	• Ethylene Oxide Sterilizable • Non-Phthalate - TOTM Plasticizer • Non-Phthalate Plasticizer	• Radiation (Gamma) Resistant • Radiation Sterilizable • Thermal Aging Resistant
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	1.19		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
50% Strain	529	psi	
100% Strain	880	psi	
300% Strain	1770	psi	
Tensile Strength (Break)	2130	psi	ASTM D638
Tensile Elongation (Break)	410	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A, 15 sec, Hand Held	70		
Shore A, 15 sec, Operating Stand	64		

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 (1142521)

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Processing Information		
Extrusion	Nominal Value	Unit
Melt Temperature	325 to 345	°F

Notes

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