



APEX® 08-A0349A-83 NT NP

Teknor Apex Company - Flexible Polyvinyl Chloride

General Information

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Features	• Non-Phthalate Plasticizer		
Uses	• Medical/Healthcare Applications • Tubing		
Appearance	• Clear/Transparent		
Forms	• Pellets		
Processing Method	• Extrusion		

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.26		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	3030	psi	ASTM D638
Tensile Elongation (Break)	390	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	83		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Continuous Use Temperature	221	°F	ASTM D794
Brittleness Temperature	-16.6	°F	ASTM D746

Additional Information

Apex 08-A0349A-83 NT is a non-phthalate, flame retardant, polymeric plasticized, medical compound for extrusion with a durometer of 83 Shore A. All of the ingredients in this formulation can be found in 21CFR (Code of Federal Regulation) listed for use by the FDA for food contact applications.

Additional Uses:

- Surgical Wire Coating
- Oxygen Delivery Systems
- Wound Drainage Systems

Notes

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