

APEX® 08-A0349A-83 NT NP

Teknor Apex Company - Flexible Polyvinyl Chloride

Friday, June 30, 2017

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 |
|--------------------------------------|---------------|------|-------------|
| 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.

Teknor Apex Company Corporate Headquarters

In U.S. for Vinyls, TPEs, Colorants,
Engineered Thermoplastics (Chem Polymer)
505 Central Avenue
Pawtucket, Rhode Island 02861 U.S.

Phone: 401-725-8000
Fax: 401-725-8095
Toll Free (U.S. only) 800-556-3864

info@teknorapex.com

Teknor Apex U.K. Ltd.

Tat Bank Road
Oldbury, West Midlands B69 4NH England

Phone: (44) 121-665-2100
Fax: (44) 121-544-5530

etpsales@teknorapex.co.uk



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