🕐 TEKNOR APEX

# APEX® 3700-70NT1

Teknor Apex Company - Flexible Polyvinyl Chloride

Friday, June 30, 2017

## **General Information**

| General           |   |  |                      |
|-------------------|---|--|----------------------|
| Material Status   | Commercial: Active  |  |                      |
| Availability      | <ul><li> Africa &amp; Middle East</li><li> Asia Pacific</li></ul> | <ul><li>Europe</li><li>Latin America</li></ul> | North America        |
| Additive          | Plasticizer   |  |                      |
| Features          | DEHP Plasticizer  | Ethylene Oxide Sterilizable                    | High Heat Resistance |
| Uses              | Medical/Healthcare Applications                                   |  |                      |
| Appearance        | Clear/Transparent   |  |                      |
| Forms             | Pellets   |  |                      |
| Processing Method | Extrusion   |  |                      |
|                   |   |  |                      |

| ASTM & ISO Properties <sup>1</sup>   |               |      |             |  |  |
|--------------------------------------|---------------|------|-------------|--|--|
| Physical                             | Nominal Value | Unit | Test Method |  |  |
| Specific Gravity                     | 1.19          |      | ASTM D792   |  |  |
| Mechanical                           | Nominal Value | Unit | Test Method |  |  |
| Tensile Strength (Break)             | 2000          | psi  | ASTM D638   |  |  |
| Tensile Elongation (Break)           | 410           | %    | ASTM D638   |  |  |
| Hardness                             | Nominal Value | Unit | Test Method |  |  |
| Durometer Hardness (Shore A, 15 sec) | 70            |      | ASTM D2240  |  |  |
| Thermal                              | Nominal Value | Unit | Test Method |  |  |
| Brittleness Temperature              | -40.0         | °F   | ASTM D746   |  |  |

### Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.

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