

APEX® 3800-90NT1

Teknor Apex Company - Flexible Polyvinyl Chloride

Wednesday, August 28, 2019

General Information

General

| | | | |
|-------------------|--|-------------------------------|------------------------|
| Material Status | • Commercial: Active | | |
| Availability | • Africa & Middle East • Asia Pacific | • Europe • Latin America | • North America |
| Additive | • Plasticizer | | |
| Features | • DEHP Plasticizer | • Ethylene Oxide Sterilizable | • High Heat Resistance |
| Uses | • Medical/Healthcare Applications | | |
| Appearance | • Clear/Transparent | | |
| Forms | • Pellets | | |
| Processing Method | • Injection Molding | | |

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) | 3370 | psi | ASTM D638 |
| Tensile Elongation (Break) | 360 | % | ASTM D638 |
| Hardness | Nominal Value | Unit | Test Method |
| Durometer Hardness (Shore A, 15 sec) | 90 | | ASTM D2240 |
| Thermal | Nominal Value | Unit | Test Method |
| Brittleness Temperature | -9.40 | °F | ASTM D746 |

Notes

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

Revision Date: 12/12/2013

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