😰 TEKNOR APEX

APEX® 3211-80NT

Teknor Apex Company - Flexible Polyvinyl Chloride

Friday, June 30, 2017

General Information

| General | | | |
|-------------------|---|-------------------------|---------------|
| Material Status | Commercial: Active | | |
| Availability | | Europe Latin America | North America |
| Additive | Plasticizer | | |
| Features | Ethylene Oxide Sterilizable | Non-DEHP Plasticizer | |
| Uses | Medical/Healthcare Applications • | Toys | |
| Appearance | Natural Color | Opaque | |
| Forms | Pellets | | |
| Processing Method | Injection Molding | | |

| ASTM & ISO Properties ¹ | | | | |
|--------------------------------------|---------------|------|-------------|--|
| Physical | Nominal Value | Unit | Test Method | |
| Specific Gravity | 1.35 | | ASTM D792 | |
| Mechanical | Nominal Value | Unit | Test Method | |
| Tensile Strength (100% Strain) | 1160 | psi | ASTM D638 | |
| Tensile Strength (Break) | 1720 | psi | ASTM D638 | |
| Tensile Elongation (Break) | 270 | % | ASTM D638 | |
| Hardness | Nominal Value | Unit | Test Method | |
| Durometer Hardness (Shore A, 15 sec) | 80 | | ASTM D2240 | |
| Thermal | Nominal Value | Unit | Test Method | |
| Brittleness Temperature | -28.0 | °F | ASTM D746 | |

Processing Information Injection Nominal Value Unit Processing (Melt) Temp 355 °F

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.

Toll Free (U.S. only) 800-556-3864

Phone: 401-725-8000 Fax: 401-725-8095 Fax: (44) 121-544-5530 etpsales@teknorapex.co.uk

Phone: (44) 121-665-2100

Oldbury, West Midlands B69 4NH England

Teknor Apex U.K. Ltd.

Tat Bank Road

info@teknorapex.com



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