

- Flexible Polyvinyl Chloride

Friday, June 30, 2017

General Information

General

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|-------------------|---|
| Material Status | • Commercial: Active |
| Availability | • Asia Pacific |
| Features | • Ethylene Oxide Sterilizable |
| Uses | • Medical/Healthcare Applications • Radiation Shielding |
| Forms | • Pellets |
| Processing Method | • Injection Molding |

ASTM & ISO Properties ¹

| Physical | Nominal Value | Unit | Test Method |
|---------------------------------------|---------------|------|---------------|
| Specific Gravity | 1.25 | | ASTM D792 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength ² (Yield) | 2470 | psi | ASTM D638 |
| Tensile Elongation (Break) | 250 | % | ASTM D638 |
| Hardness | Nominal Value | Unit | Test Method |
| Durometer Hardness | 81 | | ASTM D2240 |
| Thermal | Nominal Value | Unit | Test Method |
| Heat Stability ³ (374°F) | > 30.0 | min | ASTM D2115-92 |

Notes

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

² 20000 in/min

³ Congo Red

**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

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

info@teknorapex.com



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