

- Flexible Polyvinyl Chloride

Thursday, June 29, 2017

General Information

General

| | |
|-------------------|--------------------------------------|
| Material Status | • Commercial: Active |
| Availability | • Asia Pacific |
| Features | • High Strength |
| Uses | • Electrical/Electronic Applications |
| Forms | • Pellets |
| Processing Method | • Injection Molding |

ASTM & ISO Properties ¹

| Physical | Nominal Value | Unit | Test Method |
|---|---------------|------|-------------|
| Specific Gravity | 1.33 | | ASTM D792 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength ² (Yield) | 1600 | psi | ASTM D638 |
| Tensile Elongation ² (Break) | 230 | % | ASTM D638 |
| Hardness | Nominal Value | Unit | Test Method |
| Durometer Hardness (Shore A) | 79 | | ASTM D2240 |
| Thermal | Nominal Value | Unit | Test Method |
| Thermal Stability ³ (374°F) | > 30 | min | BS 2782 |
| Aging | Nominal Value | Unit | Test Method |
| Change in Tensile Strength (176°F, 168 hr) | 10 | % | ASTM D638 |
| Change in Ultimate Elongation (176°F, 7 hr) | 20 | % | ASTM D638 |

Notes

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

² 9.8 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

上海松翰塑化科技有限公司
 TEKNOR APEX 特诺尔爱佩斯 一级分销商
 teknorapex.shshsj.com 联系电话: 021-58958519

Revision Date: 1/2/2013

The information and recommendations contained in this bulletin are, to the best of our knowledge, accurate and reliable but no guarantee of their accuracy is made. All products are sold upon condition that purchasers shall make their own tests to determine the suitability of such products for their particular purposes and uses and purchasers assume all risks and liability for the results of use of the products, including use in accordance with seller's recommendations. Nothing in this bulletin constitutes permission or a recommendation to practice or use any invention covered by any patent owned by this company or by others. There is no warranty of merchantability and there are no other warranties for the products described.