

APEX® 130-P

Teknor Apex Company - Flexible Polyvinyl Chloride

Friday, June 30, 2017

General Information

General

| | | | |
|-------------------|---|-----------------------------|-----------------|
| Material Status | • Commercial: Active | | |
| Availability | • Africa & Middle East • Asia Pacific | • Europe • Latin America | • North America |
| Features | • Flame Retardant • Sunlight Resistant (720 hours) | | |
| Uses | • Flexible Cord Jacketing | | |
| Wire Types | • SJTW • SRDT | • STW • SVT | |
| Agency Ratings | • UL QMTT2 | | |
| RoHS Compliance | • RoHS Compliant | | |
| Appearance | • Opaque | | |
| Forms | • Pellets | | |
| Processing Method | • Extrusion | | |

ASTM & ISO Properties ¹

| Physical | Nominal Value | Unit | Test Method |
|---|---------------|----------|-------------|
| Specific Gravity | 1.38 | | ASTM D792 |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) | 1.8 | g/10 min | ASTM D1238 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength (Break) | 2180 | psi | ASTM D638 |
| Tensile Elongation (Break) | 350 | % | ASTM D638 |
| Hardness | Nominal Value | Unit | Test Method |
| Durometer Hardness (Shore A, 15 sec) | 81 | | ASTM D2240 |
| Thermal | Nominal Value | Unit | Test Method |
| Continuous Use Temperature | 167 | °F | ASTM D794 |
| Brittleness Temperature | -20.2 | °F | ASTM D746 |
| Flammability | Nominal Value | Unit | Test Method |
| Oxygen Index | 26 | % | ASTM D2863 |

Additional Information

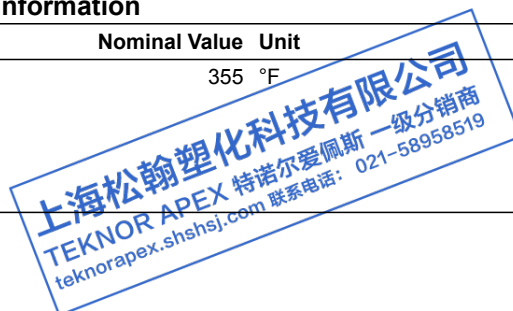
UL Recognized Component as PVC 300 Hour Sunlight Resistant Jacket Compound, QMTT2.
 UL Recognized Component as PVC 720 Hour Sunlight Resistant Insulation and Jacket Compounds, QMTT2.
 Temperature Rating: 80 °C
 UL Sunlight Resistance Recognition: Yes
 Ultimate Elongation Retained, UL 1581, Oven Aged, 7 days, 113°C: 89 %
 Tensile Strength Retained, UL 1581, Oven Aged, 7 days, 113°C: 103 %

Processing Information

| Extrusion | Nominal Value | Unit |
|------------------|---------------|------|
| Melt Temperature | 355 | °F |

Notes

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



Revision Date: 12/12/2013

APEX® 130-P

Teknor Apex Company - Flexible Polyvinyl Chloride

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: 12/12/2013

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.