

Teknor Apex APEXÂ® 80328-YFR Polyvinyl Chloride, Flexible

Category : Polymer , Thermoplastic , Vinyl (PVC) , PVC, Flexible Grade , PVC, Wire and Cable Grade

Material Notes:

Notes: 75Â°C Insulation; RoHS Compliant Features: Flame Retardant; Good UV Resistance Uses: Cable Jacketing; InsulationAgency

Ratings: UL QMTT2 .E73402 Forms: Pellets Wire Types: TWInformation Provided by Teknor Apex

Order this product through the following link:

http://www.lookpolymers.com/polymer_Teknor-Apex-APEX-80328-YFR-Polyvinyl-Chloride-Flexible.php

| Physical Properties | Metric | English | Comments |
|---------------------|-----------|-----------|-----------|
| Specific Gravity | 1.44 g/cc | 1.44 g/cc | ASTM D792 |

| Mechanical Properties | Metric | English | Comments |
|---------------------------|----------|----------|------------------------|
| Hardness, Shore C | 85 | 85 | 10 seconds; ASTM D2240 |
| Tensile Strength at Break | 14.8 MPa | 2150 psi | ASTM D638 |
| Elongation at Break | 300 % | 300 % | ASTM D638 |

| Thermal Properties | Metric | English | Comments |
|----------------------------------|-----------|-----------|---------------------------|
| Maximum Service Temperature, Air | 75.0 Â°C | 167 Â°F | Continuous Use; ASTM D794 |
| Brittleness Temperature | -29.0 Â°C | -20.2 Â°F | ASTM D746 |
| Oxygen Index | 27 % | 27 % | ASTM D2863 |

| Electrical Properties | Metric | English | Comments |
|-----------------------|-----------------------|-----------------------|-----------|
| Volume Resistivity | 9.90e+12 ohm-cm | 9.90e+12 ohm-cm | ASTM D257 |
| Dielectric Constant | 3.56 | 3.56 | ASTM D150 |
| | @Frequency 1.00e+6 Hz | @Frequency 1.00e+6 Hz | |
| Dissipation Factor | 5.12 | 5.12 | ASTM D150 |
| | @Frequency 1000 Hz | @Frequency 1000 Hz | |
| Dissipation Factor | 0.065 | 0.065 | ASTM D150 |
| | @Frequency 1.00e+6 Hz | @Frequency 1.00e+6 Hz | |
| Dissipation Factor | 0.073 | 0.073 | ASTM D150 |
| | @Frequency 1000 Hz | @Frequency 1000 Hz | |

| Descriptive Properties | Value | Comments |
|------------------------|--------|----------|
| Appearance | Opaque | |

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China