

## Teknor Apex APEXÂ® 121 Polyvinyl Chloride, Flexible

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

### Material Notes:

Notes: 90Â°C Jacket; RoHS Compliant Features: Good UV Resistance Uses: Telephone Drop Wire Insulation; Telephone Drop Wire

JacketingAgency Ratings: REA Unspecified Rating Forms: PelletsInformation Provided by Teknor Apex

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Teknor-Apex-APEX-121-Polyvinyl-Chloride-Flexible.php](http://www.lookpolymers.com/polymer_Teknor-Apex-APEX-121-Polyvinyl-Chloride-Flexible.php)

| Physical Properties | Metric    | English   | Comments  |
|---------------------|-----------|-----------|-----------|
| Specific Gravity    | 1.26 g/cc | 1.26 g/cc | ASTM D792 |

| Mechanical Properties     | Metric   | English  | Comments               |
|---------------------------|----------|----------|------------------------|
| Hardness, Shore C         | 83       | 83       | 10 seconds; ASTM D2240 |
| Tensile Strength at Break | 17.2 MPa | 2500 psi | ASTM D638              |
| Elongation at Break       | 360 %    | 360 %    | ASTM D638              |

| Thermal Properties               | Metric    | English   | Comments                  |
|----------------------------------|-----------|-----------|---------------------------|
| Maximum Service Temperature, Air | 90.0 Â°C  | 194 Â°F   | Continuous Use; ASTM D794 |
| Brittleness Temperature          | -51.0 Â°C | -59.8 Â°F | ASTM D746                 |
| Oxygen Index                     | 27 %      | 27 %      | ASTM D2863                |

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

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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