

Teknor Apex Flexalloy® 3501-35-NT Polyvinyl Chloride Elastomer

Category : Polymer , Thermoplastic , Elastomer, TPE , Vinyl (PVC)

Material Notes:

Material Status-Commercial: ActiveAvailability-North AmericaTest Standards Available-ASTM Features: Ultra High MW, Ethylene Oxide SterilizableForms-PelletsProcessing-Extrusion, Injection MoldingAppearance-ClearInformation provided by Teknor Apex Company

Order this product through the following link:

http://www.lookpolymers.com/polymer_Teknor-Apex-Flexalloy-3501-35-NT-Polyvinyl-Chloride-Elastomer.php

| Physical Properties | Metric | English | Comments |
|---------------------|-----------|-----------|-----------------|
| Specific Gravity | 1.09 g/cc | 1.09 g/cc | 23°C; ASTM D792 |

| Mechanical Properties | Metric | English | Comments |
|-------------------------|----------|---------|--------------------------|
| Hardness, Shore A | 35 | 35 | 15 seconds; ASTM D2240 |
| Tensile Strength, Yield | 1.79 MPa | 260 psi | 100%; ASTM D412 |
| | 4.83 MPa | 700 psi | 3; ASTM D412 |
| | 6.83 MPa | 990 psi | ASTM D412 |
| Elongation at Break | 370 % | 370 % | ASTM D412 |
| Tear Strength Test | 100 | 100 | in psi, Die C; ASTM D624 |
| Compression Set | 12 % | 12 % | 73°F, 22 hr.; ASTM D395 |
| | 54 % | 54 % | 158°F, 22 hr.; ASTM D395 |
| | 68 % | 68 % | 212°F, 22 hr.; ASTM D395 |

| Thermal Properties | Metric | English | Comments |
|-------------------------|----------|----------|-----------|
| Brittleness Temperature | -59.0 °C | -74.2 °F | ASTM D746 |

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