

Teknor Apex Flexalloy® 9300-80 Polyvinyl Chloride Elastomer

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

Material Notes:

Material Status-Commercial: ActiveAvailability-North AmericaTest Standards Available-ASTM Features: Good Flexibility, Oil Resistant, Ultra High MW, Recyclable, Good Thermal Stability, Good Weather ResistanceUses- Automotive Applications, TubingForms-PelletsProcessing-Extrusion, Injection MoldingInformation provided by Teknor Apex Company

Order this product through the following link:

http://www.lookpolymers.com/polymer_Teknor-Apex-Flexalloy-9300-80-Polyvinyl-Chloride-Elastomer.php

| Physical Properties | Metric | English | Comments |
|---------------------|-----------|-----------|-----------------|
| Specific Gravity | 1.26 g/cc | 1.26 g/cc | 23°C; ASTM D792 |

| Mechanical Properties | Metric | English | Comments |
|-------------------------|----------|----------|------------------------|
| Hardness, Shore A | 80 | 80 | 15 seconds; ASTM D2240 |
| Tensile Strength, Yield | 19.5 MPa | 2830 psi | ASTM D412 |
| Elongation at Break | 270 % | 270 % | ASTM D412 |

| Thermal Properties | Metric | English | Comments |
|-------------------------|----------|----------|-----------|
| Brittleness Temperature | -29.0 °C | -20.2 °F | ASTM D746 |

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