

Sibur SKN-40ASME Nitrile-Butadiene Rubber (NBR)

Category: Polymer, Thermoset, Rubber or Thermoset Elastomer (TSE)

Material Notes:

For production of rubber and asbestos technical articles which are used as sets for automobile, air planes, different machines and equipment, agricultural, drilling, and polygraph machinery, as well as for production of glues, mastics, and sheaths for cables and shoes.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Sibur-SKN-40ASME-Nitrile-Butadiene-Rubber-NBR.php

| Physical Properties | Metric | English | Comments |
|---------------------|---------------------|---------------------|----------|
| Mooney Viscosity | 45 - 75 | 45 - 75 | ML 1-4 |
| | @Temperature 100 °C | @Temperature 212 °F | |
| Ash | <= 1.0 % | <= 1.0 % | |

| Mechanical Properties | Metric | English | Comments |
|---------------------------|-------------|-------------|----------|
| Tensile Strength at Break | >= 25.0 MPa | >= 3630 psi | |
| Elongation at Break | >= 425 % | >= 425 % | |

| Descriptive Properties | Value | Comments |
|---|--------|----------|
| Loss During Drying | <1% | |
| Mass Share of Combined Nitrile and Acrylic Acid | 36-40% | |
| Mass Share of Ionol | >0.5% | |

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