

Zeon Chemicals Nipol® N917 Nitrile Elastomer

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

Material Notes:

Nipol N917 is a hot polymerized, butadiene-acrylonitrile copolymer. Sufficient slightly staining antioxidant is added during manufacture for normal storage conditions. Medium-high viscosity for compression/transfer molding. Special grade of remolded goods, hose and belts requiring oil resistance and operating service of 125°C to -50°C. High resilience. Low water swell.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Zeon-Chemicals-Nipol-N917-Nitrile-Elastomer.php

| Physical Properties | Metric | English | Comments |
|---------------------|--------------------------------|--------------------------------|----------------|
| Specific Gravity | 0.950 g/cc | 0.950 g/cc | |
| Mooney Viscosity | 55 - 70 @Temperature 100 °C | 55 - 70 @Temperature 212 °F | (1+4) |
| Ash | <= 1.2 % | <= 1.2 % | Zeon Test #873 |

| Descriptive Properties | Value | Comments |
|-------------------------------|-----------|----------|
| AO Type | SS | |
| Bound ACN (% , acrylonitrile) | 21.2-24.3 | |
| Heat Loss (%) Max | 0.7 | |
| Hot/Cold | C | |

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