

Zeon Chemicals Nipol® 1001CG Nitrile Elastomer

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

Material Notes:

Nipol 1001CG is a copolymer of butadiene and acrylonitrile of high oil resistance. Sufficient antioxidant has been added during manufacture for normal storage conditions. Excellent oil and fuel resistance. Has controlled cement viscosity. Useful in adhesives.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Zeon-Chemicals-Nipol-1001CG-Nitrile-Elastomer.php

| Physical Properties | Metric | English | Comments |
|---------------------|---------------------|---------------------|-------------------------------|
| Specific Gravity | 1.00 g/cc | 1.00 g/cc | |
| Viscosity | 100 - 4200 cP | 100 - 4200 cP | Milled Cement; Zeon Test #327 |
| Mooney Viscosity | 70 - 95 | 70 - 95 | (1+4) |
| | @Temperature 100 °C | @Temperature 212 °F | |
| Ash | <= 0.90 % | <= 0.90 % | Zeon Test #873 |

| Descriptive Properties | Value | Comments |
|------------------------------|-------|----------|
| AO Type | SS | |
| Bound ACN (%, acrylonitrile) | 39-42 | |
| Heat Loss (%) Max | 1 | |
| Hot/Cold | Н | |

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