

Network Polymers NPP 25-0202 C

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Molded

Material Notes:

Description: Copolymer Polypropylene, Clarified Random Information provided by Network Polymers Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Network-Polymers-NPP-25-0202-C.php

| Physical Properties | Metric | English | Comments |
|---------------------|--|--|-------------------------------------|
| Melt Flow | 2.0 g/10 min @Load 2.16 kg, Temperature 230 °C | 2.0 g/10 min @Load 4.76 lb, Temperature 446 °F | Procedure A Condition L; ASTM D1238 |

| Mechanical Properties | Metric | English | Comments |
|-------------------------|------------------------------------|---|---|
| Hardness, Rockwell R | 80 | 80 | ASTM D785 |
| Tensile Strength, Yield | 26.9 MPa | 3900 psi | ASTM D638 |
| Elongation at Yield | 11 % | 11 % | ASTM D638 |
| Flexural Modulus | 0.931 GPa | 135 ksi | Test Method I, Procedure B (chs speed 0.05 in/min), 1 % Secant; ASTM D790 |
| Izod Impact, Notched | 0.641 J/cm | 1.20 ft-lb/in | ASTM D256 |
| Izod Impact, Unnotched | 2.14 J/cm @Temperature -18.0 °C | 4.00 ft-lb/in @Temperature -0.400 °F | ASTM D256 |
| Gardner Impact | 22.60 J | 16.67 ft-lb | STP 2223 |

| Thermal Properties | Metric | English | Comments |
|---|---------|---------|-----------|
| Deflection Temperature at 0.46 MPa (66 psi) | 80.0 °C | 176 °F | ASTM D648 |

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