

# Network Polymers PP PPB 25 2002

Polypropylene Copolymer

Network Polymers, Inc.

Message:

Network Polymers PP PPB 25 2002 is a Polypropylene Copolymer (PP Copolymer) product. It is available in North America.

| General Information                                      |               |                   |             |
|----------------------------------------------------------|---------------|-------------------|-------------|
| Physical                                                 | Nominal Value | Unit              | Test Method |
| Specific Gravity                                         | 0.900         | g/cm <sup>3</sup> | ASTM D792   |
| Melt Mass-Flow Rate (MFR) <sup>1</sup> (230°C/2.16 kg)   | 20            | g/10 min          | ASTM D1238  |
| Hardness                                                 | Nominal Value | Unit              | Test Method |
| Rockwell Hardness (R-Scale)                              | 105           |                   | ASTM D785   |
| Mechanical                                               | Nominal Value | Unit              | Test Method |
| Tensile Strength <sup>2</sup> (Yield)                    | 24.1          | MPa               | ASTM D638   |
| Tensile Elongation <sup>3</sup> (Yield)                  | 7.0           | %                 | ASTM D638   |
| Flexural Modulus - 1% Secant                             | 1070          | MPa               | ASTM D790   |
| Impact                                                   | Nominal Value | Unit              | Test Method |
| Charpy Notched Impact Strength (23°C)                    | 149           | J/m               | ASTM D256   |
| Notched Izod Impact (3.18 mm)                            | 120           | J/m               | ASTM D256A  |
| Thermal                                                  | Nominal Value | Unit              | Test Method |
| Deflection Temperature Under Load (0.45 MPa, Unannealed) | 88.9          | °C                | ASTM D648   |
| NOTE                                                     |               |                   |             |
| 1.                                                       | Procedure A   |                   |             |
| 2.                                                       | 51 mm/min     |                   |             |
| 3.                                                       | 51 mm/min     |                   |             |

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