

Technical Data Sheet

Network Polymers Pp PPB 25 2002

Polypropylene Copolymer

LyondellBasell Industries

Engineering Plastics

| Physical | Nominal Value (English) | Nominal Value (SI) | Test Method |
|--------------------------------------------------------------------|-------------------------|-------------------------|-------------|
| Density / Specific Gravity | 0.902 | 0.900 g/cm ³ | ASTM D792 |
| Melt Mass-Flow Rate (MFR) ¹ (230°C/2.16 Kg) | 20 g/10 min | 20 g/10 min | ASTM D1238 |
| Mechanical | Nominal Value (English) | Nominal Value (SI) | Test Method |
| Tensile Strength ² (Yield) | 3500 psi | 24.1 MPa | ASTM D638 |
| Tensile Elongation ² (Yield) | 7.0 % | 7.0 % | ASTM D638 |
| Flexural Modulus - 1% Secant | 155000 psi | 1070 MPa | ASTM D790 |
| Impact | Nominal Value (English) | Nominal Value (SI) | Test Method |
| Charpy Notched Impact Strength (73°F (23°C)) | 2.80 ft·lb/in | 149 J/m | ASTM D256 |
| Notched Izod Impact (0.125 In (3.18 Mm)) | 2.2 ft·lb/in | 120 J/m | ASTM D256A |
| Hardness | Nominal Value (English) | Nominal Value (SI) | Test Method |
| Rockwell Hardness (R-scale) | 105 | 105 | ASTM D785 |
| Thermal | Nominal Value (English) | Nominal Value (SI) | Test Method |
| Deflection Temperature Under Load 66 Psi (0.45 Mpa), Unannealed | 192 °F | 88.9 °C | ASTM D648 |

Notes

¹ Procedure A

² 2.0 in/min (51 mm/min)

Notes

These are typical property values not to be construed as specification limits.