

Technical Data Sheet

Network Polymers Pp PPB 25 1010

Polypropylene Copolymer
 LyondellBasell Industries
 Engineering Plastics

General

| | |
|----------|-------------|
| Features | • Copolymer |
| Forms | • Pellets |

| Physical | Nominal Value (English) | Nominal Value (SI) | Test Method |
|--|-------------------------|-------------------------|-------------|
| Density / Specific Gravity | 0.905 | 0.903 g/cm ³ | ASTM D792 |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 Kg) | 10 g/10 min | 10 g/10 min | ASTM D1238 |
| Mechanical | Nominal Value (English) | Nominal Value (SI) | Test Method |
| Tensile Strength ¹ (Yield) | 2600 psi | 17.9 MPa | ASTM D638 |
| Tensile Elongation ¹ (Yield) | 20 % | 20 % | ASTM D638 |
| Flexural Modulus | 112000 psi | 772 MPa | ASTM D790 |
| Impact | Nominal Value (English) | Nominal Value (SI) | Test Method |
| Notched Izod Impact (0.125 In (3.18 Mm)) | 10 ft·lb/in | 530 J/m | ASTM D256A |
| Gardner Impact (0°F (-18°C)) | 235 in·lb | 26.6 J | ASTM D3029 |
| Hardness | Nominal Value (English) | Nominal Value (SI) | Test Method |
| Rockwell Hardness (R-scale) | 65 | 65 | ASTM D785 |
| Thermal | Nominal Value (English) | Nominal Value (SI) | Test Method |
| Deflection Temperature Under Load 66 Psi (0.45 Mpa), Unannealed | 185 °F | 85.0 °C | ASTM D648 |

Notes

¹ 2.0 in/min (51 mm/min)

Notes

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