

Technical Data Sheet

## Network Polymers Pp PPB 25 0802

Polypropylene Copolymer  
LyondellBasell Industries  
Engineering Plastics

| Physical                                                           | Nominal Value (English) | Nominal Value (SI)      | Test Method |
|--------------------------------------------------------------------|-------------------------|-------------------------|-------------|
| Density / Specific Gravity                                         | 0.907                   | 0.905 g/cm <sup>3</sup> | ASTM D792   |
| Melt Mass-Flow Rate (MFR) <sup>1</sup> (230°C/2.16 Kg)             | 8.0 g/10 min            | 8.0 g/10 min            | ASTM D1238  |
| Mechanical                                                         | Nominal Value (English) | Nominal Value (SI)      | Test Method |
| Tensile Strength <sup>2</sup> (Yield)                              | 3900 psi                | 26.9 MPa                | ASTM D638   |
| Tensile Elongation <sup>2</sup> (Yield)                            | 12 %                    | 12 %                    | ASTM D638   |
| Flexural Modulus <sup>3</sup>                                      | 190000 psi              | 1310 MPa                | ASTM D790B  |
| Impact                                                             | Nominal Value (English) | Nominal Value (SI)      | Test Method |
| Notched Izod Impact (0.125 In (3.18 Mm))                           | 2.0 ft·lb/in            | 110 J/m                 | ASTM D256A  |
| Gardner Impact (0°F (-18°C))                                       | 170 in·lb               | 19.2 J                  | ASTM D3029  |
| Hardness                                                           | Nominal Value (English) | Nominal Value (SI)      | Test Method |
| Rockwell Hardness (R-scale)                                        | 85                      | 85                      | ASTM D785   |
| Thermal                                                            | Nominal Value (English) | Nominal Value (SI)      | Test Method |
| Deflection Temperature Under Load<br>66 Psi (0.45 Mpa), Unannealed | 194 °F                  | 90.0 °C                 | ASTM D648   |

### Notes

<sup>1</sup> Procedure A

<sup>2</sup> 2.0 in/min (51 mm/min)

<sup>3</sup> Method I (3 point load)

### Notes

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