

## Technical Data Sheet

# Network Polymers Pp PPH 30 1200

Polypropylene Homopolymer  
LyondellBasell Industries  
Engineering Plastics

| General        |                       |
|----------------|-----------------------|
| Features       | • Homopolymer         |
| Agency Ratings | • FDA 21 CFR 177.1520 |
| Forms          | • Pellets             |

| 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) (230°C/2.16 Kg) | 12 g/10 min             | 12 g/10 min             | ASTM D1238  |

| Mechanical                              | Nominal Value (English) | Nominal Value (SI) | Test Method |
|-----------------------------------------|-------------------------|--------------------|-------------|
| Tensile Strength <sup>1</sup> (Yield)   | 4800 psi                | 33.1 MPa           | ASTM D638   |
| Tensile Elongation <sup>1</sup> (Break) | 12 %                    | 12 %               | ASTM D638   |
| Flexural Modulus <sup>2</sup>           | 180000 psi              | 1240 MPa           | ASTM D790   |

| Impact                                   | Nominal Value (English) | Nominal Value (SI) | Test Method |
|------------------------------------------|-------------------------|--------------------|-------------|
| Notched Izod Impact (0.125 In (3.18 Mm)) | 0.50 ft-lb/in           | 27 J/m             | ASTM D256A  |

| Hardness                    | Nominal Value (English) | Nominal Value (SI) | Test Method |
|-----------------------------|-------------------------|--------------------|-------------|
| Rockwell Hardness (R-scale) | 105                     | 105                | ASTM D785   |

## Notes

<sup>1</sup> 2.0 in/min (51 mm/min)

<sup>2</sup> 0.050 in/min (1.3 mm/min)

## Notes

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