

Technical Data Sheet

## Lucent Pp PPH VOG NATURAL

Polypropylene Homopolymer  
LyondellBasell Industries  
Engineering Plastics

### Product Description

PPH VOG NATURAL is an Unfilled Polypropylene Homopolymer

### General

|                   |                     |
|-------------------|---------------------|
| Features          | • Homopolymer       |
| Appearance        | • Natural Color     |
| Processing Method | • Injection Molding |

| Physical                                  | Nominal Value (English) | Nominal Value (SI) | Test Method |
|-------------------------------------------|-------------------------|--------------------|-------------|
| Melt Mass-Flow Rate (MFR) (230°C/2.16 Kg) | 3.4 g/10 min            | 3.4 g/10 min       | ASTM D1238  |
| Mechanical                                | Nominal Value (English) | Nominal Value (SI) | Test Method |
| Tensile Strength (Yield)                  | 5390 psi                | 37.2 MPa           | ASTM D638   |
| Tensile Elongation (Yield)                | 19 %                    | 19 %               | ASTM D638   |
| Flexural Modulus                          | 236000 psi              | 1630 MPa           | ASTM D790   |
| Impact                                    | Nominal Value (English) | Nominal Value (SI) | Test Method |
| Notched Izod Impact (0.125 In (3.18 Mm))  | 1.1 ft·lb/in            | 59 J/m             | ASTM D256   |
| Gardner Impact                            | 56.7 in·lb              | 6.41 J             | ASTM D5420  |

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| Injection              | Nominal Value (English) | Nominal Value (SI) |
|------------------------|-------------------------|--------------------|
| Drying Temperature     | 176 °F                  | 80 °C              |
| Drying Time            | 2.0 to 3.0 hr           | 2.0 to 3.0 hr      |
| Processing (Melt) Temp | 428 to 500 °F           | 220 to 260 °C      |
| Mold Temperature       | 86 to 140 °F            | 30 to 60 °C        |

### Notes

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