

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

Material Status	• Commercial: Active
Availability	• North America
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.

Processing Techniques

Specific recommendations for resin type and processing conditions can only be made when the end use, required properties and fabrication equipment are known.

Product Storage and Handling

- Product should be stored in dry conditions at temperatures below 50°C and protected from UV-light
- Improper storage may bring damage to the packaging and can negatively affects on the quality of this product
- Keep material completely dry for good processing

Company Information

For further information regarding the LyondellBasell company, please visit <http://www.lyb.com/>.

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