

Technical Data Sheet

# Network Polymers Pp PPH 30 0500 GF20

Polypropylene Homopolymer  
LyondellBasell Industries  
Engineering Plastics

**General**

- Filler / Reinforcement • Glass Fiber, 20% Filler by Weight
- Appearance • Black

**Physical**

	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.10	1.10 g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) <sup>1</sup> (230°c/2.16 Kg)	5.0 g/10 min	5.0 g/10 min	ASTM D1238

**Mechanical**

	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength <sup>2</sup> (Yield)	10200 psi	70.1 MPa	ASTM D638
Tensile Elongation <sup>2</sup> (Yield)	3.0 %	3.0 %	ASTM D638
Flexural Modulus <sup>3</sup>	552000 psi	3800 MPa	ASTM D790B

**Impact**

	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact (0.125 In (3.18 Mm))	1.7 ft-lb/in	91 J/m	ASTM D256A

**Thermal**

	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load 264 Psi (1.8 Mpa), Unannealed, 0.125 In (3.18 Mm)	275 °F	135 °C	ASTM D648

**Additional Information**

	Nominal Value (English)	Nominal Value (SI)	Test Method
Filler Content	20 %	20 %	ASTM D2584

**Notes**

- <sup>1</sup> Procedure A
- <sup>2</sup> 0.20 in/min (5.1 mm/min)
- <sup>3</sup> Method I (3 point load)

**Notes**

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