

Technical Data Sheet

Network Polymers Pp PPH 30 2000 TF40

Polypropylene Homopolymer
LyondellBasell Industries
Engineering Plastics

General

Filler / Reinforcement • Talc, 40% Filler by Weight

Physical **Nominal Value (English)** **Nominal Value (SI)** **Test Method**

Density / Specific Gravity	1.24	1.24 g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) ¹ (230°C/2.16 Kg)	20 g/10 min	20 g/10 min	ASTM D1238

Mechanical **Nominal Value (English)** **Nominal Value (SI)** **Test Method**

Tensile Strength ² (Yield)	4900 psi	33.8 MPa	ASTM D638
Flexural Modulus ³	400000 psi	2760 MPa	ASTM D790B

Impact **Nominal Value (English)** **Nominal Value (SI)** **Test Method**

Notched Izod Impact	0.50 ft·lb/in	27 J/m	ASTM D256
Unnotched Izod Impact	4.5 ft·lb/in	240 J/m	ASTM D4812
Gardner Impact	5.00 in·lb	0.565 J	ASTM D3029

Hardness **Nominal Value (English)** **Nominal Value (SI)** **Test Method**

Rockwell Hardness (R-scale)	97	97	ASTM D785
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Thermal **Nominal Value (English)** **Nominal Value (SI)** **Test Method**

Deflection Temperature Under Load 66 Psi (0.45 Mpa), Unannealed	280 °F	138 °C	ASTM D648
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Additional Information **Nominal Value (English)** **Nominal Value (SI)** **Test Method**

Filler Content	40 %	40 %	ASTM D2584
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Notes

- ¹ Procedure A
- ² 2.0 in/min (51 mm/min)
- ³ Method I (3 point load), 0.050 in/min (1.3 mm/min)

Notes

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