

Technical Data Sheet

# Network Polymers Pp PPH 30 1200 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 <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) <sup>1</sup> (230°c/2.16 Kg)	8.0 to 12 g/10 min	8.0 to 12 g/10 min	ASTM D1238
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength <sup>2</sup> (Yield)	4900 psi	33.8 MPa	ASTM D638
Flexural Modulus <sup>3</sup>	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
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
Additional Information	Nominal Value (English)	Nominal Value (SI)	Test Method
Filler Content	40 %	40 %	ASTM D2584

**Notes**

<sup>1</sup> Procedure A  
<sup>2</sup> 2.0 in/min (51 mm/min)  
<sup>3</sup> 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.