

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 ³	ASTM D792
Melt Mass-Flow Rate (MFR) ¹ (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 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
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

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.