

Technical Data Sheet

Network Polymers Pp PPH 30 1200

Polypropylene Homopolymer
 LyondellBasell Industries
 Engineering Plastics

General	
Features	• Homopolymer
Agency Ratings	• FDA 21 CFR 177.1520
Forms	• Pellets

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	0.907	0.905 g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 Kg)	12 g/10 min	12 g/10 min	ASTM D1238

Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength ¹ (Yield)	4800 psi	33.1 MPa	ASTM D638
Tensile Elongation ¹ (Break)	12 %	12 %	ASTM D638
Flexural Modulus ²	180000 psi	1240 MPa	ASTM D790

Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact (0.125 In (3.18 Mm))	0.50 ft-lb/in	27 J/m	ASTM D256A

Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Rockwell Hardness (R-scale)	105	105	ASTM D785

Notes
¹ 2.0 in/min (51 mm/min)
² 0.050 in/min (1.3 mm/min)

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