

Technical Data Sheet

Matrixx YPP1B40CC

Polypropylene Copolymer
LyondellBasell Industries
Engineering Plastics

General	
Filler / Reinforcement	• Glass\Mineral, 40% Filler by Weight
Features	• Copolymer
Forms	• Pellets

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) (230°C/2.16 Kg)	8.0 g/10 min	8.0 g/10 min	ASTM D1238

Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Yield)	8500 psi	58.6 MPa	ASTM D638
Flexural Modulus	650000 psi	4480 MPa	ASTM D790

Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact	1.0 ft·lb/in	53 J/m	ASTM D256

Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			ASTM D648
66 Psi (0.45 Mpa), Unannealed	310 °F	154 °C	
264 Psi (1.8 Mpa), Unannealed	275 °F	135 °C	

Additional Information
1F888A/PR1676
Revision: 5/4/2020

Notes

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