

Technical Data Sheet

Matrixx WPP2C20

Polypropylene Copolymer
LyondellBasell Industries
Engineering Plastics

General	
Filler / Reinforcement	• Mineral, 20% Filler by Weight
Features	• Copolymer
Forms	• Pellets

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.05	1.05 g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 Kg)	18 g/10 min	18 g/10 min	ASTM D1238

Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Yield)	3500 psi	24.1 MPa	ASTM D638
Flexural Modulus	260000 psi	1790 MPa	ASTM D790

Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact	0.70 ft·lb/in	37 J/m	ASTM D256
Gardner Impact	40.0 in·lb	4.52 J	ASTM D5420

Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
RTI Elec	149 °F	65.0 °C	UL 746B
RTI Imp	149 °F	65.0 °C	UL 746B
RTI Str	149 °F	65.0 °C	UL 746B

Flammability	Nominal Value (English)	Nominal Value (SI)	Test Method
Flame Rating (0.06 In (1.5 Mm))	HB	HB	UL 94

Additional Information
The value listed as Mold Shrinkage, ASTM D955, was tested in accordance with Matrixx test methods.

Notes

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