

Technical Data Sheet

Matrixx 15S3304

Polypropylene
LyondellBasell Industries
Engineering Plastics

General	
Material Status	• Commercial: Active
Availability	• North America
Filler / Reinforcement	• Glass Fiber, 30% Filler by Weight
Additive	• Flame Retardant
Features	• Flame Retardant
Forms	• Pellets

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.46	1.46 g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 Kg)	4.0 g/10 min	4.0 g/10 min	ASTM D1238

Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Yield)	7900 psi	54.5 MPa	ASTM D638
Flexural Modulus - Tangent	710000 psi	4900 MPa	ASTM D790

Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact	4.0 ft·lb/in	210 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	295 °F	146 °C	
264 Psi (1.8 Mpa), Unannealed	260 °F	127 °C	
RTI Str	150 °F	65.6 °C	UL 746B

Flammability	Nominal Value (English)	Nominal Value (SI)	Test Method
Flame Rating			UL 94
0.06 In (1.5 Mm)	• V-1	• V-1	
0.12 In (3.0 Mm)	• V-0	• V-0	
	• 5VA	• 5VA	

Notes

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