

Technical Data Sheet

Matrixx 30S5301

Polybutylene Terephthalate
LyondellBasell Industries
Engineering Plastics

General

- | | |
|------------------------|-------------------------------------|
| Filler / Reinforcement | • Glass Fiber, 30% Filler by Weight |
| Forms | • Pellets |

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.53	1.53 g/cm ³	ASTM D792
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Yield)	18000 psi	124 MPa	ASTM D638
Flexural Modulus - Tangent	1.00E+6 psi	6890 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact	1.5 ft·lb/in	80 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	415 °F	213 °C	
264 Psi (1.8 Mpa), Unannealed	395 °F	202 °C	
RTI Str	170 °F	76.7 °C	UL 746B
Flammability	Nominal Value (English)	Nominal Value (SI)	Test Method
Flame Rating (0.06 In (1.5 Mm))	HB	HB	UL 94

Notes

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