

Technical Data Sheet

Matrixx 30S5150

Polybutylene Terephthalate

LyondellBasell Industries

Engineering Plastics

General

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|------------------------|-------------------------------------|
| Filler / Reinforcement | • Glass Fiber, 15% Filler by Weight |
| Forms | • Pellets |

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
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Density / Specific Gravity	1.40	1.40 g/cm ³	ASTM D792
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Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
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Tensile Strength (Yield)	14000 psi	96.5 MPa	ASTM D638
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Flexural Modulus - Tangent	680000 psi	4690 MPa	ASTM D790
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Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
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Notched Izod Impact	0.90 ft·lb/in	48 J/m	ASTM D256
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Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
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Deflection Temperature Under Load			ASTM D648
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66 Psi (0.45 Mpa), Unannealed	400 °F	204 °C	
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264 Psi (1.8 Mpa), Unannealed	360 °F	182 °C	
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RTI Str	170 °F	76.7 °C	UL 746B
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Flammability	Nominal Value (English)	Nominal Value (SI)	Test Method
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Flame Rating (0.06 In (1.5 Mm))	HB	HB	UL 94
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Notes

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