

Technical Data Sheet

Matrixx 80S7301

Polyethylene Terephthalate
LyondellBasell Industries
Engineering Plastics

General

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

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
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Density / Specific Gravity	1.56	1.56 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)	21000 psi	145 MPa	ASTM D638
Flexural Modulus - Tangent	1.25E+6 psi	8620 MPa	ASTM D790

Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
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Notched Izod Impact	1.4 ft·lb/in	75 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
66 Psi (0.45 Mpa), Unannealed	453 °F	234 °C	
264 Psi (1.8 Mpa), Unannealed	410 °F	210 °C	
RTI Str	170 °F	76.7 °C	UL 746B

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.