

Technical Data Sheet

Matrixx 36S4303RC

Polycarbonate + PBT
 LyondellBasell Industries
 Engineering Plastics

General	
Filler / Reinforcement	• Glass Fiber, 30% Filler by Weight
Features	• Good Mold Release
Forms	• Pellets

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.41	1.41 g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (250°C/2.16 Kg)	5.0 g/10 min	5.0 g/10 min	ASTM D1238

Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Yield)	15000 psi	103 MPa	ASTM D638
Flexural Modulus	1.00E+6 psi	6890 MPa	ASTM D790

Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact	2.3 ft·lb/in	120 J/m	ASTM D256
Unnotched Izod Impact	15 ft·lb/in	800 J/m	ASTM D4812

Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load 264 Psi (1.8 Mpa), Unannealed	310 °F	154 °C	ASTM D648

Notes

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