

Technical Data Sheet

Matrixx 35S4301FC

Polycarbonate + PBT
LyondellBasell Industries
Engineering Plastics

General			
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	1.55	1.54 g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (250°C/2.16 Kg)	10 g/10 min	10 g/10 min	ASTM D1238
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Yield)	17500 psi	121 MPa	ASTM D638
Flexural Modulus	1.17E+6 psi	8090 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact	1.1 ft·lb/in	59 J/m	ASTM D256
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
RTI Elec	167 °F	75.0 °C	UL 746B
RTI Imp	167 °F	75.0 °C	UL 746B
RTI Str	167 °F	75.0 °C	UL 746B
Flammability	Nominal Value (English)	Nominal Value (SI)	Test Method
Flame Rating			UL 94
0.06 In (1.5 Mm), Bk	V-0	V-0	
0.10 In (2.5 Mm), Bk	5VA	5VA	

Notes

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