

Technical Data Sheet

Matrixx 35S3152FC

Polycarbonate + PBT
LyondellBasell Industries
Engineering Plastics

Product Description

35S3152FC is a 15% Glass-Filled, Flame Retardant PC/PBT Alloy

General

Filler / Reinforcement	• Glass Fiber, 15% Filler by Weight
Features	• Flame Retardant
UL File NumberUsa	• E51193
Appearance	• Colors Available
Forms	• Pellets
Processing Method	• Injection Molding

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 Kg)	8.0 g/10 min	8.0 g/10 min	ASTM D1238
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Yield)	13000 psi	89.6 MPa	ASTM D638
Flexural Modulus - Tangent	725000 psi	5000 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
Flammability	Nominal Value (English)	Nominal Value (SI)	Test Method
Flame Rating (0.10 In (2.5 Mm))	5VA	5VA	UL 94

Notes

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