

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.