

Technical Data Sheet

Matrixx 15S3202D

Polypropylene
LyondellBasell Industries
Engineering Plastics

Product Description

Fiberglass Reinforced, Flame Retardant Polypropylene Copolymer

General

Material Status	• Commercial: Active
Availability	• North America
Filler / Reinforcement	• Glass Fiber, 20% Filler by Weight
Additive	• Flame Retardant
Features	• Flame Retardant
Forms	• Pellets

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.38	1.38 g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 Kg)	6.0 g/10 min	6.0 g/10 min	ASTM D1238
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Yield)	7200 psi	49.6 MPa	ASTM D638
Flexural Modulus - Tangent	575000 psi	3960 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact	3.1 ft·lb/in	170 J/m	ASTM D256
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load 66 Psi (0.45 Mpa), Unannealed	290 °F	143 °C	ASTM D648

Notes

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