

Technical Data Sheet

POLYFORT® FPP 3551EU

Polypropylene

Engineering Plastics



Product Description

PP, 20% Glass Fiber, Blow Molding

General

Material Status	• Commercial: Active
Availability	• North America
Filler / Reinforcement	• Glass Fiber, 20% Filler by Weight
Processing Method	• Blow Molding • Extrusion Blow Molding • Profile Extrusion

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	1.04 g/cm³	1.04 g/cm³	ISO 1183/A
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Stress (Yield, 73°F (23°C))	8410 psi	58.0 MPa	ISO 527-2/1A/50
Flexural Modulus - Chord ¹ (73°F (23°C))	522000 psi	3600 MPa	ISO 178
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Charpy Notched Impact Strength 73°F (23°C), Complete Break	7.6 ft·lb/in²	16 kJ/m²	ISO 179/1eA
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Heat Deflection Temperature 264 psi (1.8 MPa), Unannealed, 2.52 in (64.0 mm) Span	234 °F	112 °C	ISO 75-2/Af

Notes

¹ 0.079 in/min (2.0 mm/min)

Notes

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