

Technical Data Sheet

POLYFORT® FPP 3363

Polypropylene
Engineering Plastics



Product Description

PP 10% Glass Fiber Chemically Coupled

General

Material Status	• Commercial: Active
Availability	• North America
Filler / Reinforcement	• Glass Fiber, 10% Filler by Weight
Features	• Chemically Coupled
Processing Method	• Injection Molding

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	0.982	0.980 g/cm³	ASTM D792
Molding Shrinkage - Flow ¹	3.6E-3 in/in	0.36 %	Internal Method
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength ² (Yield)	7250 psi	50.0 MPa	ASTM D638
Flexural Modulus ³	319000 psi	2200 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
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			ASTM D648
66 psi (0.45 MPa), Unannealed	306 °F	152 °C	
264 psi (1.8 MPa), Unannealed	244 °F	118 °C	

Additional Information	Nominal Value (English)	Nominal Value (SI)	Test Method
Filler Content	10 %	10 %	ASTM D5630

Notes

¹ 5x7 in plaque

² 2.0 in/min (50 mm/min)

³ 0.051 in/min (1.3 mm/min)

Notes

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