

Technical Data Sheet

POLYFORT® FPP 3722

Polypropylene

Engineering Plastics



Product Description

PP, 35% Calcium Carbonate, Low Emission

General

Filler / Reinforcement	• Calcium Carbonate, 35% Filler by Weight
Features	• Low Emissions
Processing Method	• Injection Molding

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.19	1.19 g/cm ³	ASTM D792
Molding Shrinkage - Flow ¹	8.0E-3 in/in	0.80 %	Internal Method
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength ² (Yield)	3630 psi	25.0 MPa	ASTM D638
Flexural Modulus ³	406000 psi	2800 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact	0.84 ft·lb/in	45 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	212 °F	100 °C	
264 psi (1.8 MPa), Unannealed	135 °F	57.0 °C	
Additional Information	Nominal Value (English)	Nominal Value (SI)	Test Method
Filler Content	35 %	35 %	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.

