

**Technical Data Sheet**  
**POLYFORT® FPP 3722**  
 Polypropylene  
 Engineering Plastics



**Product Description**

PP, 35% Calcium Carbonate, Low Emission

**General**

Material Status	• Commercial: Active
Availability	• North America
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 <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow <sup>1</sup>	8.0E-3 in/in	0.80 %	Internal Method
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength <sup>2</sup> (Yield)	3630 psi	25.0 MPa	ASTM D638
Flexural Modulus <sup>3</sup>	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**

- <sup>1</sup> 5x7 in plaque
- <sup>2</sup> 2.0 in/min (50 mm/min)
- <sup>3</sup> 0.051 in/min (1.3 mm/min)

**Notes**

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