

Technical Data Sheet
POLYFORT® FPP 1876
Polypropylene
Engineering Plastics



Product Description

PP 22% Mineral

General

Filler / Reinforcement	• Mineral, 22% Filler by Weight
Processing Method	• Injection Molding

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	1.05 g/cm ³	1.05 g/cm ³	ISO 1183
Molding Shrinkage - Flow ¹	0.010 in/in	1.0 %	Internal Method
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Stress (Yield)	3480 psi	24.0 MPa	ISO 527-2/50
Flexural Modulus ²	276000 psi	1900 MPa	ISO 178
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact Strength	2.8 ft·lb/in ²	5.9 kJ/m ²	ISO 180
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Heat Deflection Temperature 66 psi (0.45 MPa), Unannealed	212 °F	100 °C	ISO 75-2/B
Additional Information	Nominal Value (English)	Nominal Value (SI)	Test Method
Filler Content	26 %	26 %	ASTM D5630

Notes

¹ 5x7 in plaque

² 0.079 in/min (2.0 mm/min)

Notes

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

