

Technical Data Sheet
POLYFORT® FPP 2181
Polypropylene
Engineering Plastics



Product Description

PP 13% Talc

General

Filler / Reinforcement	• Talc, 15% Filler by Weight
Processing Method	• Injection Molding

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.01	1.01 g/cm ³	ASTM D792
Molding Shrinkage - Flow ¹	0.011 in/in	1.1 %	Internal Method

Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength ² (Yield)	4640 psi	32.0 MPa	ASTM D638
Flexural Modulus ³	326000 psi	2250 MPa	ASTM D790

Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact	0.66 ft-lb/in	35 J/m	ASTM D256

Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load 66 psi (0.45 MPa), Unannealed	248 °F	120 °C	ASTM D648

Additional Information	Nominal Value (English)	Nominal Value (SI)	Test Method
Filler Content	15 %	15 %	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.