

Technical Data Sheet

POLYFORT® FTP 3520

Compounded Polypropylene
Engineering Plastics

Product Description

TPO 20% Mineral

General

Filler / Reinforcement	• Mineral, 16% Filler by Weight
Processing Method	• Injection Molding

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	1.04 g/cm ³	1.04 g/cm ³	ISO 1183
Molding Shrinkage - Flow ¹	0.012 in/in	1.2 %	Internal Method
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Stress (Yield)	2760 psi	19.0 MPa	ISO 527-2/50
Flexural Modulus ²	203000 psi	1400 MPa	ISO 178
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Heat Deflection Temperature 66 psi (0.45 MPa), Unannealed	180 °F	82.0 °C	ISO 75-2/B
Additional Information	Nominal Value (English)	Nominal Value (SI)	Test Method
Filler Content	16 %	16 %	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.