

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 <sup>3</sup>	1.04 g/cm <sup>3</sup>	ISO 1183
Molding Shrinkage - Flow <sup>1</sup>	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 <sup>2</sup>	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**

- <sup>1</sup> 5x7 in plaque
- <sup>2</sup> 0.079 in/min (2.0 mm/min)

**Notes**

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