

Technical Data Sheet
POLYFORT® FPP
1239H-31

Polypropylene
Engineering Plastics



Product Description

PP 30% Glass Fiber Chemically Coupled

General

Material Status	• Commercial: Active
Availability	• North America
Filler / Reinforcement	• Glass Fiber, 31% Filler by Weight
Features	• Chemically Coupled
Processing Method	• Injection Molding

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	1.13 g/cm³	1.13 g/cm³	ISO 1183
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Stress (Yield)	12600 psi	87.0 MPa	ISO 527-2/50
Flexural Modulus ¹	1.04E+6 psi	7200 MPa	ISO 178
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact Strength	5.0 ft·lb/in²	11 kJ/m²	ISO 180
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Heat Deflection Temperature 264 psi (1.8 MPa), Unannealed	298 °F	148 °C	ISO 75-2/A
Additional Information	Nominal Value (English)	Nominal Value (SI)	Test Method
Filler Content	31 %	31 %	ASTM D5630

Notes

¹ 0.079 in/min (2.0 mm/min)

Notes

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