

Technical Data Sheet
AGRIPLAS™ BFF3015H
Polypropylene
Engineering Plastics



Product Description

PP 30% BioFiller/Fiberglass reinforced

General

Filler / Reinforcement	• Organic, 30% Filler by Weight
Processing Method	• Injection Molding

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	1.06 g/cm ³	1.06 g/cm ³	ISO 1183/A
Molding Shrinkage - Flow ¹	6.0E-3 in/in	0.60 %	Internal Method
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Stress (Yield)	6530 psi	45.0 MPa	ISO 527-2/1A/50
Tensile Strain (Break)	2.0 %	2.0 %	ISO 527-2/1A/50
Flexural Modulus - Chord ²	609000 psi	4200 MPa	ISO 178
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact Strength			ISO 180/A
73°F (23°C), Complete Break	2.0 ft·lb/in ²	4.2 kJ/m ²	
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Heat Deflection Temperature			
66 psi (0.45 MPa), Unannealed	293 °F	145 °C	ISO 75-2/Bf
264 psi (1.8 MPa), Unannealed	244 °F	118 °C	ISO 75-2/Af

Additional Information	Nominal Value (English)	Nominal Value (SI)
Filler Content	30 %	30 %

Notes

¹ 5x7 in plaque

² Type 1A, 0.079 in/min (2.0 mm/min)

Notes

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