

Technical Data Sheet
AGRIPLAS™ BF20H
Polypropylene
Engineering Plastics



Product Description

PP 20% BioFiller

General

Filler / Reinforcement	• Organic, 20% Filler by Weight
Processing Method	• Injection Molding

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	0.960 g/cm³	0.960 g/cm³	ISO 1183/A
Molding Shrinkage - Flow ¹	0.010 in/in	1.0 %	Internal Method
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Stress (Yield)	3990 psi	27.5 MPa	ISO 527-2/1A/50
Tensile Strain (Break)	3.0 %	3.0 %	ISO 527-2/1A/50
Flexural Modulus - Chord ²	334000 psi	2300 MPa	ISO 178
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact Strength 73°F (23°C), Complete Break	1.6 ft·lb/in²	3.4 kJ/m²	ISO 180/A
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Heat Deflection Temperature			
66 psi (0.45 MPa), Unannealed	257 °F	125 °C	ISO 75-2/Bf
264 psi (1.8 MPa), Unannealed	158 °F	70.0 °C	ISO 75-2/Af
Additional Information	Nominal Value (English)	Nominal Value (SI)	
Filler Content	20 %	20 %	

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.