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## Product Data Sheet

# INJECTOBLEND™ FPP220

## Polypropylene, 20% Glass Reinforced

Properties / Reported DAM	Test Method	English (U.S.)	Units System	Metric (S.I.)	Units System
<b>PHYSICAL</b>					
Specific Gravity, solid	D 792	-	1.05	-	1.05
Linear Mold Shrinkage, 0.125" (3.2mm)	D 955	%	0.6	%	0.6
Fiberglass Content	D 2584	%	20	%	20
<b>MECHANICAL</b>					
Tensile Strength @ Yield. 73°F (23°C)	D 638	psi	7,100	MPa	49
Tensile Elongation @ Break. 73°F (23°C)	D 638	%	5	%	5
Flexural Strength. 73°F (23°C)	D 790	psi	12,900	MPa	85
Flexural Modulus. 73°F (23°C)	D 790	psi	450,000	MPa	3,100
Izod Impact, notched. 73°F (23°C), 0.125" (3.2mm)	D 256	ft-lb/in	1.4	J/m	75
<b>THERMAL</b>					
Deflection Temperature, unannealed	D 648	264 psi (1.82 MPa), Load	°F	239	°C
		66 psi (0.45 MPa), Load	°F	298	°C
Melting Point	D 3418	°F	327	°C	165
<b>FLAMMABILITY</b>					
UL 94 Flame Class. 0.058" (1.47mm)	UL 94	-	HB	-	HB

The values shown on the data sheet are typical values that have been obtained on typical AGS materials, are not intended for specification purposes and are provided without any warranty or guarantee. Each user of the material should make his own test to determine the suitability of the material for his use. Therefore, it is understood and agreed that the customer assumes and hereby releases AGS Technology, Inc. from all liabilities, incurred in connection with the use of AGS products, technical assistance and information. (APR 2023)