

951 Douglas Road
 Batavia, IL 60510
 (847) 534-6600



Product Data Sheet—ISO INJECTOBLEND™ FPP220 20% Glass Reinforced Polypropylene

Properties / Reported DAM	Test Method	Units	Values
PHYSICAL			
Density	ISO 1183-1	g/cm ³	1.05
Fiberglass Content	ISO 3451-1	%	20
MECHANICAL			
Tensile Strength @ Yield. (5mm/min, 23°C)	ISO 527-2	MPa	49
Flexural Strength. (2mm/min, 23°C)	ISO 178	MPa	89
Flexural Modulus. (2mm/min, 23°C)	ISO 178	MPa	3700
Charpy Impact, notched. (23°C)	ISO 179/1eA	kJ/m ²	7.7
THERMAL			
Deflection Temperature, unannealed (1.8 MPa Load) (0.45 MPa Load)	ISO 75	°C	132
		°C	155
Melting Point	ISO 11357-3	°C	165
FLAMMABILITY			
UL 94 Flame Class. 0.058" (1.47mm)	UL 94	-	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)