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Product Data Sheet—ISO INJECTOBLEND™ FPP210 Polypropylene, 10% Glass Reinforced

Properties / Reported DAM	Test Method	Units	Value
PHYSICAL			
Density (23°C)	ISO 1183-1	g/cm ³	0.98
Melt Flow Rate, @ 230°C / 2.16kg, nominal	ISO 1133-1	g/10min	14
MECHANICAL			
Tensile Strength. @ yield. (5mm/min, 23°C)	ISO 527-2	MPa	39
Tensile Elongation. @ yield. (5mm/min, 23°C)	ISO 527-2	%	6.2
Tensile Modulus. (1mm/min, 23°C)	ISO 527-2	GPa	2.21
Flexural Strength. (2mm/min, 23°C)	ISO 178	MPa	56
Flexural Modulus. (2mm/min, 23°C)	ISO 178	MPa	2370
Charpy Notched Impact Strength (23°C)	ISO 179/1eA	kJ/m ²	6.5
THERMAL			
Heat Deflection Temperature, A (1.80 MPa) (0.45MPa)	ISO 75 Af	°C °C	94 138
Melting Point	ISO 11357-3	°C	161
FLAMMABILITY			
UL 94 Flammability Class 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)