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# Product Data Sheet—ISO INJECTOBLEND™ FPP135 Polypropylene, General Purpose

Properties / Reported DAM	Test Method	Units	Value
<b>PHYSICAL</b>			
Density (23°C) Mold Shrinkage, 0.125" (3.2mm)	ISO 1183 Internal	g/cm <sup>3</sup> %	0.90 1.3 – 2.0
<b>MECHANICAL</b>			
Tensile Strength @ yield. (50mm/min, 23°C)	ISO 527-2	MPa	32
Tensile Elongation @ yield. (50mm/min, 23°C)	ISO 527-2	%	9
Tensile Modulus, (1mm/min, 23°C)	ISO 527-2	GPa	2.14
Flexural Strength. (2mm/min, 23°C)	ISO 178	MPa	36
Flexural Modulus. (2mm/min, 23°C)	ISO 178	MPa	1300
Charpy Notched Impact Strength (23°C)	ISO 179/1eA	kJ/m <sup>2</sup>	5.0
<b>THERMAL</b>			
Heat Deflection Temperature, A (1.80 MPa) (0.45MPa)	ISO 75 Af	°C °C	54 78
Melting Point	ISO 11357-3	°C	164
<b>FLAMMABILITY</b>			
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)