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# Product Data Sheet

## INJECTOBLEND™ FPP135

### Polypropylene, General Purpose

Properties / Reported DAM	Test Method	English (U.S.)	Units System	Metric (S.I.)	Units System
<b>PHYSICAL</b>					
Specific Gravity, solid	D 792	-	0.90	-	0.90
Mold Shrinkage, 0.125" (3.2mm)	D 955	%	1.3 - 2.0	%	1.3 - 2.0
<b>MECHANICAL</b>					
Tensile Strength @ Yield. 73°F (23°C)	D 638	psi	4,900	MPa	34
Tensile Elongation @ Yield. 73°F (23°C)	D 638	%	9	%	9
Tensile Modulus 73°F (23°C)	D 638	ksi	308	GPa	2.13
Flexural Strength. 73°F (23°C)	D 790	psi	5,500	MPa	38
Flexural Modulus. 73°F (23°C)	D 790	psi	196,000	MPa	1,350
Izod Impact, notched. 73°F (23°C), 0.125" (3.2mm)	D 256	ft-lb/in	1.1	J/m	58
Dart Impact. -22°F (-30°C), 0.125" (3.2mm)	GM9300P	ft-lb	4.5	J	6.1
<b>THERMAL</b>					
Deflection Temperature, unannealed	D 648				
264 psi (1.82 MPa) Load		°F	127	°C	53
66 psi (0.45 MPa) Load		°F	189	°C	87
CLTE. 20 °C - +75 °C ( 68 °F - +167 °F )	D 696	in/in/°F	5.5 E-5	mm/mm/°C	9.9 E-5
Thermal Oxidative Stability. 150°C	D 3012	hours	350	hours	350
Melting Point	D 3418	°F	327	°C	164
<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)