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# Product Data Sheet

## INJECTOBLEND™ FHDPE007

### High Density Polyethylene

Properties	Test Method	English (U.S.)	Units System	Metric (S.I.)	Units System
<b>PHYSICAL</b>					
Specific Gravity, solid	D 792	-	0.948	-	0.948
Melt Flow Rate @ 220°C / 10kg, nominal	D 1238	-	-	g/10min	4.8
<b>MECHANICAL</b>					
Tensile Strength @ Yield. 73°F (23°C)	D 638	psi	3,500	MPa	24.1
Tensile Elongation @ Yield. 73°F (23°C)	D 638	%	16	%	16
Flexural Modulus. 73°F (23°C)	D 790	psi	80,000	MPa	552
Izod Impact, notched. 73°F (23°C), 0.125" (3.2mm)	D 256	ft-lb/in	1.8	J/m	96
<b>THERMAL</b>					
Deflection Temperature, unannealed 66 psi (0.45 MPa), Load	D 648	°F	150	°C	65
Melting Point, DSC	D 3418	°F	259	°C	126
CLTE. 20 °C - +75 °C ( 68 °F - +167 °F )	D 696	in/in/°F	1.1 E-4	mm/mm/°C	2.0 E-4

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)