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Product Data Sheet—ISO

INJECTOBLEND™ FPOM110

Acetal, General Purpose

Properties / Reported DAM	Test Method	Units	Values
PHYSICAL			
Density	ISO 1183-1	g/cm ³	1.41
Melt Flow Rate @ 190°C / 2.16kg, nominal	ISO 1133-1	g/10min	8
MECHANICAL			
Tensile Strength @ Yield. 73°F (23°C)	ISO 527-2	MPa	67
Flexural Strength	ISO 178	MPa	93
Flexural Modulus	ISO 178	Mpa	2750
Charpy Impact, notched. 73°F (23°C), 4mm	ISO 179/1eA	kJ/m ²	13.3
THERMAL			
Deflection Temperature, unannealed (1.8 MPa Load) (0.45 MPa Load)	ISO 75	°C °C	102 161
Melting Point	ISO 11357-3	°C	181
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)