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Product Data Sheet

INJECTOBLEND™ FPP320—ISO

Polypropylene, 20% Talc Filled

Properties / Reported DAM	Test Method	Units	Values
PHYSICAL			
Density	ISO 1183-1	g/cm ³	1.06
Filler Content	ISO 3451-1	%	20
MECHANICAL			
Tensile Strength @ Yield. 50mm/min, 23°C	ISO 527-2	MPa	29
Tensile Elongation @ Yield. 50mm/min, 23°C	ISO 527-2	%	4.9
Tensile Modulus. 1mm/min, 23°C	ISO 527-2	GPa	2.6
Flexural Strength. 23°C	ISO 178	MPa	45
Flexural Modulus. 23°C	ISO 178	Mpa	2600
Charpy Impact, notched. 23°C, 4mm	ISO 179/1eA	kJ/m ²	4.2
THERMAL			
Deflection Temperature, unannealed (1.8 MPa Load)	ISO 75	°C	67
(0.45 MPa Load)		°C	111
Melting Point.	ISO 11357-3	°C	165
FLAMMABILITY			
FMVSS302. 2.02mm	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)