

ENGITECH F36 100000

Technical Data Sheet

Compound in PP

PRODUCT DESCRIPTION

ENGITECH F36 100000 is a mineral reinforced PP compound having optimum mechanical properties and flow behavior.

Property	Test Condition	Unit	Standard	Typical value
Mechanical properties (23 °C/50 % r. h.)				
Tensile Strength	50 mm/min	MPa	ASTM D638	50
Elongation at Break	50 mm/min	%	ASTM D638	5
Flexural strength	2 mm/min	MPa	ASTM D790	60
Flexural modulus	2 mm/min	MPa	ASTM D790	2600
Izod impact strength (notched)	23 °C	J/m	ASTM D256	70
Thermal properties				
MFI	230°C / 2.16kg	Gms/10min	ASTM D1238	10
HDT	1.8 MPa	°C	ASTM D648	155
Other properties (23 °C)				
Density		gm/cc	ASTM D792	1.16
Filler Content		%	ASTM D5630	30
Shrinkage	23 °C	%	ASTM D955	0.30

Version 11092020

USAGE

ENGITECH F36 100000 is suitable for injection molding of general purpose applications

STORAGE AND SHELF LIFE

It is recommended to store ENGITECH F36 100000 compound in dry, dust free conditions and prevent exposure to direct sunlight and/or heat. The storage should not exceed 12 months at 25°C for optimum performance.

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