

ENGITECH® F22 900001

Technical Data Sheet

Compound in PP

PRODUCT DESCRIPTION

ENGITECH® F22 900001 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	20
Elongation at Break	50 mm/min	%	ASTM D638	20
Flexural strength	2 mm/min	MPa	ASTM D790	28
Flexural modulus	2 mm/min	MPa	ASTM D790	900
Izod impact strength (notched)	23 °C	J/m	ASTM D256	120
Thermal properties				
MFI	230°C / 2.16kg	Gms/10min	ASTM D1238	17
HDT	1.8 MPa	°C	ASTM D648	101
Other properties (23 °C)				
Density		gm/cc	ASTM D792	0.98
Filler Content		%	ASTM D5630	10
Shrinkage	23 °C	%	ASTM D955	1.20

Version 30072020

USAGE

ENGITECH® F22 900001 is suitable for injection molding of general purpose applications

STORAGE AND SHELF LIFE

It is recommended to store ENGITECH® F22 900001 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.

REV/25-OCT-2022.

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