

HERMATECH PP 11000 GF30 NAT

Product Description: Polypropylene (PP) with 30% glass fiber reinforced, chemically coupled.

Properties	Condition	Min/Max	Units	Standards
Physical properties				
Density	23°C	1.1-1.12	g/cm3	ISO1183
Melt –Flow-Index			-	ISO1133
Humidity	110°C	0.1-0.2	%	ISO15512
Ash Content	625°C	28-32	%	ISO
Mechanical properties				
Tensile modulus	50mm/min	6900-6950	MPa	ISO 527-2
Tensile stress at break	5mm/min	130-140	MPa	ISO 527-2
Elongation at break	5mm/min	2.5-2.6	%	ISO 527-2
Flexural modulus	2mm/min	6600-6650	MPa	ISO 178
Flexural strength	5mm/min	205-210	MPa	ISO 178
Izod impact strength	5J	-	Kj/m2	ISO180
Izod notched impact strength	5J	-	Kj/m2	ISO180
Charpy impact strength	5.5J	-	Kj/m2	ISO179/1eU
Charpy notched impact strength	5.5J	35-38	Kj/m2	ISO179/1eA
Thermal properties				
Melting and crystallization temperature	10°C/min	230-240	°C	ISO11357-3
HDT /A Heat deflection temperature	1.8MPa	-	°C	ISO 75/1-2
HDT/B Heat deflection temperature	0.45MPa	-	°C	ISO 75/1-2
Vicat : Softening point of materials	-		°C	ISO 306
Electrical properties				
Surface resistivity	-		-	ISO 60250
Volume resistivity	-		-	ISO 60250
Flammability				
Flammability		HB	CLASS	UL94
Characteristics				

*Delivery from

Pellets,natural ,other color

*Chemical resistance

General chemical resistance

*Applications :extrusion,injection molding

Automotive,electrical and electronical,generalpurpose.



TECHNICAL DATASHEET

Code : FOR.QUA.06
Version : 00
Date of application : 01-11-2018

Processing Properties :

Processing Temperature

Zone1	200-210°C
Zone2	210-220°C
Zone3	220-230°C
Zone4	230-240°C
Die Temperature	230-240°C
Melt Temperature	230-240°C
Drying Temperature	90-100°C

Packaging & delivery

PP heavy-duty bag : 20kg/bag (pallet 1000kg)

Note to avoid moisture,insolationand breakage in transportation

Delivery detail :30 days

Contact :

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