



TECHNICAL DATASHEET

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

HERMAID PA66 2000

Product Description: Polyamide (PA66), unfilled, lubricated.

Properties	Condition	Min/Max	Units	Standards
Physical properties				
Density	23°C	1.13-1.15	g/cm ³	ISO1183
Melt –Flow-Index			-	ISO1133
Humidity	110°C	<=0.1	%	ISO15512
Ash Content	625°C	-	%	ISO
Mechanical properties				
Tensile modulus	50mm/min	-	MPa	ISO 527-2
Tensile stress at break	5mm/min	80-85	MPa	ISO 527-2
Elongation at break	5mm/min	10-15	%	ISO 527-2
Flexural modulus	2mm/min	1300-1500	MPa	ISO 178
Flexural strength	5mm/min	110-120	MPa	ISO 178
Izod impact strength	5J	-	Kj/m ²	ISO180
Izod notched impact strength	5J	9-10	Kj/m ²	ISO180
Charpy impact strength	5.5J	-	Kj/m ²	ISO179/1eU
Charpy notched impact strength	5.5J	-	Kj/m ²	ISO179/1eA
Thermal properties				
Melting and crystallization temperature	10°C/min	260-2263	°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	-	1.00e+13	Ohm-cm	IEC 60093
Volume resistivity	-	1.00e+15	Ohm-cm	IEC 60093
Flammability				
Flammability	HB		CLASS	UL94

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Characteristics

- *Delivery from
Pellets, natural color
- *Chemical resistance
General chemical resistance
- *Applications : extrusion, injection molding
Automotive, electrical and electronical, general purpose.

Processing properties :

Processing Temperature	275-285°C 280-290°C
Feed Temperature	270-280°C
Mold Temperature	70-100°C
Drying Temperature	70-80°C

Packaging & delivery

PE aluminum bag : 25kg/bag (pallet 1000kg)
Note to avoid moisture, insulation and breakage in transportation
Delivery detail : 30 days

Contact :

Hermess Compounds _ Rue De Nabeul ZI M'Ghira 3 _ Ben Arous Tunisie

E-mail : resp.laboratoire@gmail.com

Tél : +216 58 597 174 / +216 36 404 520 Fax : +216 36 404 523

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