

TECHNICAL DATA SHEET

PA 66 GF 30 BLACK IQ

PROPERTIES	TEST METHOD	UNITS	VALUE
Density	ISO 1183	g/cm ³	1,36
Melting Point	DSC	°C	260
Water Absorption (23°C - 24h)	ISO 62	%	1,7
Linear Mould Shrinkage	ISO 294-4	%	0,3 – 0,7
Moisture	ISO 527	%	≤ 0,20
VICAT B50	ISO 306	°C	≥ 225
Tensile Modulus	ISO 527	MPa	8000
Tensile Strength at Yield	ISO 527	MPa	145
Tensile Strain at Break	ISO 527	%	2,5
IZOD (Notched Impact Strength)	ISO 180/A	KJ/m ²	≥ 8
IZOD (Unnotched Impact Strength)	ISO 180/U	KJ/m ²	≥ 4,5
Flammability (1,6 mm – 3,2 mm)	UL 94		HB
Glow Wire Flammability Index (GWFI - 2mm)	IEC 60695-2-12	°C	650

MOLDING CONDITIONS	
Drying Temperature	≥ 3 h / 80 - 90°C
Molding Temperature	260 – 290°C
Mold Temperature	70 - 90°C

The information contained herein are supplied in good faith and given purely as an indication. Properties should be carefully evaluated for all projects requirements. Unless otherwise posted this product is not suitable for food and/or medical application and use. They shall not be considered in any way as a formal commitment or warranty on our part especially in case of improper use of our products from third parties. The industrial quality grades injected with the hot runner system are used under the responsibility of the converter.