

TECHNICAL DATA SHEET

PA 6 GF 30 BLACK IQ

PROPERTIES	TEST METHOD	UNITS	VALUE
Density	ISO 1183	g/cm ³	1,36
Water Absorption (23°C - 24h)	ISO 62	%	2,5
Moisture	ISO 527	%	< 0,20
VICAT B50	ISO 306	°C	205
Tensile Modulus	ISO 527	MPa	6500
Tensile Strength at Break	ISO 527	MPa	≥ 100
IZOD (Notched Impact Strength 23°C)	ISO 180/A	KJ/m ²	≥ 7
CHARPY (Notched Impact Strength 23°C)	ISO 179	KJ/m ²	≥ 6
Flammability (1,6 mm)	UL 94		HB
Glow Wire Flammability Index (2 mm)	IEC 60695-2-12	°C	650
Burning Rate (FMVSS 302)	ISO 3795	mm/min	<100

MOLDING CONDITIONS	
Drying Temperature	≥ 3 h / 90 -100°C
Molding Temperature	230 – 250°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.