

## TECHNICAL DATA SHEET

### PA 6 BLACK IQ

PROPERTIES	TEST METHOD	UNITS	VALUE
Density	ISO 1183	g/cm <sup>3</sup>	1,14
Water Absorption (23°C - 24h)	ISO 62	%	1,5
Linear Mould Shrinkage	ISO 2577	%	1,0 - 1,4
Moisture	ISO 527	%	≤ 0,20
VICAT B50	ISO 306	°C	≥ 215
Flexural Modulus	ISO 527	MPa	≥ 2500
Tensile Strength at Yield	ISO 527	MPa	≥ 70
IZOD (Notched Impact Strength 23°C)	ISO 180/A	KJ/m <sup>2</sup>	≥ 5
Flammability	UL 94		HB

MOLDING CONDITIONS	
Drying Temperature	≥ 3 h / 80 - 90°C
Molding Temperature	230 – 260°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.