
Technical Datasheet

N44B-B3

1) Product Description:

- ✓ Black Polyamide 6 reinforced by 30% glass fiber

2) Application:

- ✓ ivory Polyamide 6 is a suitable grade for producing injection parts which can be used in the automobile industry and electric parts.

3) Typical data:

PROPERTIES	TEST METHOD	UNIT	TYPICAL VALUE
Density	ISO 1183	gr/cm ³	1.37
Shrinkage	ISO 294	%	<0.2
Ash content	ISO 3451	%	30
Tensile Strength at Yield	ISO 527	MPa	110<
Tensile Strength at Break	ISO 527	MPa	110<
Elongation at Break	ISO 527	%	5
Impact Strength-notched	ISO 180	KJ/m ²	8
Flexural Modulus	ISO 178	GPa	7
HDT at 1.8 MPa	ISO 75-2	°C	205
HDT at 8.0 MPa	ISO 75-2	°C	160
Melting Temperature	ISO 11357	°C	225