

Novamid[®] 3010CF30 BK

PA66—CF30

30% Carbon Reinforced

PROPERTIES	TYPICAL DATA	UNIT	TEST METHOD
RHEOLOGICAL PROPERTIES			
	DRY / COND		
Molding shrinkage [parallel]	0.2 / *	%	Sim. to ISO 294-4
Molding shrinkage [normal]	0.8 / *	%	Sim. to ISO 294-4
MECHANICAL PROPERTIES			
	DRY / COND		
Stress at break	230 / –	MPa	ISO 527-1/-2
Strain at break	2.8 / –	%	ISO 527-1/-2
Flexural modulus	17000 / –	MPa	ISO 178
Flexural strength	343 / –	MPa	ISO 178
Charpy notched impact strength (+23°C)	10 / –	kJ/m ²	ISO 179/1eA
THERMAL PROPERTIES			
	DRY / COND		
Melting temperature (10°C/min)	260 / *	°C	ISO 11357-1/-3
Temp. of deflection under load (1.80 MPa)	245 / *	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	260 / *	°C	ISO 75-1/-2
OTHER PROPERTIES			
	DRY / COND		
Humidity absorption	1.8 / *	%	Sim. to ISO 62
Density	1270 / –	kg/m ³	ISO 1183

