

Novamid[®] 1013GMF H2 NAT/BK37

PA6—GF30

30% Glass Reinforced, Heat Stabilized, Injection Molding, Excellent Dimensional Stability

PROPERTIES	TYPICAL DATA	UNIT	TEST METHOD
RHEOLOGICAL PROPERTIES	DRY / COND		
Molding shrinkage [parallel]	0.7 / *	%	Sim. to ISO 294-4
Molding shrinkage [normal]	0.8 / *	%	Sim. to ISO 294-4
MECHANICAL PROPERTIES	DRY / COND		
Tensile modulus	7200 / 4200	MPa	ISO 527-1/-2
Stress at break	135 / 75	MPa	ISO 527-1/-2
Strain at break	4 / 7	%	ISO 527-1/-2
Flexural modulus	6600 / 3300	MPa	ISO 178
Flexural strength	210 / 120	MPa	ISO 178
Charpy impact strength (+23°C)	58 / 75	kJ/m²	ISO 179/1eU
Charpy notched impact strength (+23°C)	6 / 13	kJ/m²	ISO 179/1eA
THERMAL PROPERTIES	DRY / COND		
Melting temperature (10°C/min)	220 / *	°C	ISO 11357-1/-3
Temp. of deflection under load (1.80 MPa)	165 / *	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	210 / *	°C	ISO 75-1/-2
OTHER PROPERTIES	DRY / COND		
Humidity absorption	2 / *	%	Sim. to ISO 62
Density	1360 / –	kg/m³	ISO 1183