

Tecomid® NA40 KC50 BK111

PA66-(GF+CF)50

Eurotec Mühendislik Plastikleri

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	20000	MPa	ISO 527
Stress at break	230	MPa	ISO 527
Strain at break	2	%	ISO 527
Izod notched impact strength, +23°C	13	kJ/m ²	ISO 180/1A

Thermal properties	Value	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	262	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	255	°C	ISO 75-1/-2
Burning behav. at 1.5 mm nom. thickn.	HB	class	IEC 60695-11-10
Thickness tested	1.6	mm	-
Burning behav. at thickness h	HB	class	IEC 60695-11-10
Thickness tested	0.8	mm	-

Electrical properties	Value	Unit	Test Standard
ISO Data			
Volume resistivity	1000	Ohm*m	IEC 62631-3-1

Other properties	Value	Unit	Test Standard
Humidity absorption	1.3	%	Sim. to ISO 62
Density	1520	kg/m ³	ISO 1183
Moisture Content	0.2	%	-

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	2 - 4	h	-
Melt temperature	270 - 300	°C	-
Mold temperature	70 - 110	°C	-
Feed temperature	60 - 80	°C	-
Holding pressure	50 - 100	MPa	-

Characteristics**Processing**

Injection Molding

Regional Availability

Europe

Delivery form

Black