

Tecomid® NT40 GR50 NL HS

PPA-GF50

Eurotec Mühendislik Plastikleri

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	18000	MPa	ISO 527
Stress at break	250	MPa	ISO 527
Strain at break	2	%	ISO 527
Izod notched impact strength, +23°C	14	kJ/m ²	ISO 180/1A
Izod notched impact strength Temperature	13	kJ/m ²	ISO 180/1A
	-30	°C	-

Thermal properties	Value	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	315	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	290	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	305	°C	ISO 75-1/-2
Vicat softening temperature, B	295	°C	ISO 306
Burning behav. at 1.5 mm nom. thickn. Thickness tested	HB	class	IEC 60695-11-10
	1.6	mm	-
Burning behav. at thickness h Thickness tested	HB	class	IEC 60695-11-10
	0.8	mm	-

Electrical properties	Value	Unit	Test Standard
ISO Data			
Volume resistivity	1E13	Ohm*m	IEC 62631-3-1
Surface resistivity	1E13	Ohm	IEC 62631-3-2
Comparative tracking index	550	-	IEC 60112

Other properties	Value	Unit	Test Standard
Humidity absorption	1.2	%	Sim. to ISO 62
Density	1630	kg/m ³	ISO 1183
Moisture Content	0.2	%	-

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	120	°C	-
Pre-drying - Time	4	h	-
Melt temperature	320 - 340	°C	-
Mold temperature	140 - 180	°C	-
Feed temperature	60 - 80	°C	-
Holding pressure	40 - 80	MPa	-

Characteristics**Processing**

Injection Molding

Special Characteristics

Heat stabilized or stable to heat

Delivery form

Natural Color

Regional Availability

Europe