

Tecomid® NT40 NL

PPA

Eurotec Mühendislik Plastikleri

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	3500	MPa	ISO 527
Yield stress	90	MPa	ISO 527
Izod notched impact strength, +23°C	7	kJ/m ²	ISO 180/1A
Izod notched impact strength Temperature	4 -30	kJ/m ² °C	ISO 180/1A -

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	125	°C	ISO 75-1/-2
Vicat softening temperature, B	245	°C	ISO 306
Burning behav. at 1.5 mm nom. thickn. Thickness tested	V-2 1.6	class mm	IEC 60695-11-10 -
Burning behav. at thickness h Thickness tested	V-2 0.8	class mm	IEC 60695-11-10 -

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	600	-	IEC 60112

Other properties	Value	Unit	Test Standard
Humidity absorption	2.4	%	Sim. to ISO 62
Density	1200	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	70 - 90	°C	-
Feed temperature	60 - 80	°C	-
Holding pressure	40 - 80	MPa	-

Characteristics**Processing**

Injection Molding

Regional Availability

Europe

Delivery form

Natural Color