

Tecodur® PB70 CR30 BK111

PBT-CF30

Eurotec Mühendislik Plastikleri

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	24000	MPa	ISO 527
Stress at break	150	MPa	ISO 527
Strain at break	1.5	%	ISO 527
Izod impact strength, +23°C	45	kJ/m ²	ISO 180/1U
Izod notched impact strength, +23°C	7	kJ/m ²	ISO 180/1A
Izod notched impact strength Temperature	6	kJ/m ²	ISO 180/1A
	-30	°C	-

Thermal properties	Value	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	225	°C	ISO 11357-1/-3
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	10	Ohm*m	IEC 62631-3-1

Other properties	Value	Unit	Test Standard
Humidity absorption	0.2	%	Sim. to ISO 62
Density	1410	kg/m ³	ISO 1183
Moisture Content	0.08	%	-

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	120	°C	-
Pre-drying - Time	2 - 4	h	-
Melt temperature	250 - 270	°C	-
Mold temperature	60 - 100	°C	-
Feed temperature	50 - 70	°C	-
Holding pressure	40 - 80	MPa	-

Characteristics**Processing**

Injection Molding

Regional Availability

Europe

Delivery form

Black