

Badamid® T70 CF10/GK20

(PA6/6T+PA12)-(GB+CF)30

Bada AG

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
Tensile Modulus	10600 / 10300	MPa	ISO 527
Stress at break	140 / 130	MPa	ISO 527
Strain at break	2 / 3	%	ISO 527
Charpy impact strength, +23°C	25 / -	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	6 / -	kJ/m ²	ISO 179/1eA

Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
Coeff. of linear therm. expansion, parallel	30 / *	E-6/K	ISO 11359-1/-2
Coeff. of linear therm. expansion, normal	60 / *	E-6/K	ISO 11359-1/-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	dry / cond	Unit	Test Standard
ISO Data			
Comparative tracking index	100 / -	-	IEC 60112

Other properties	dry / cond	Unit	Test Standard
Water absorption	6 / *	%	Sim. to ISO 62
Humidity absorption	1.8 / *	%	Sim. to ISO 62
Density	1280 / -	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	120	°C	-
Pre-drying - Time	2 - 4	h	-
Processing humidity	≤0.05	%	-
Melt temperature	290 - 320	°C	-
Mold temperature	135	°C	-

Characteristics**Processing**

Injection Molding

Special Characteristics

Anti-static

Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa