

Badamid® PA9T GF30 TF15 H

(PA9T+PTFE)-GF30

Bada AG

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
Tensile Modulus	9400 / -	MPa	ISO 527
Stress at break	160 / -	MPa	ISO 527
Strain at break	2.5 / -	%	ISO 527
Charpy impact strength, +23°C	62 / -	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	10 / -	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	300 / *	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	270 / *	°C	ISO 75-1/-2
Electrical properties			
ISO Data			
Volume resistivity	1E12 / -	Ohm*m	IEC 62631-3-1
Electric strength	21 / -	kV/mm	IEC 60243-1
Comparative tracking index	600 / -	-	IEC 60112
Other properties			
Water absorption	1.5 / *	%	Sim. to ISO 62
Humidity absorption	0.5 / *	%	Sim. to ISO 62
Density	1440 / -	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	330 - 350	°C	-
Mold temperature	135	°C	-

Characteristics**Processing**

Injection Molding

Additives

Lubricants

Features

Tribologic Grade

Regional Availability

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