

Badamid® PA9T GF30

PA9T-GF30

Bada AG

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
Tensile Modulus	9700 / -	MPa	ISO 527
Stress at break	190 / -	MPa	ISO 527
Strain at break	3 / -	%	ISO 527
Charpy impact strength, +23°C	70 / -	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
Other properties			
Water absorption	2 / *	%	Sim. to ISO 62
Humidity absorption	0.7 / *	%	Sim. to ISO 62
Density	1350 / -	kg/m ³	ISO 1183
Processing Recommendation Injection Molding			
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

Regional Availability

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