

Tarnamid® T-27 M

PA6

Grupa Azoty S.A.

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	100 / *	cm ³ /10min	ISO 1133
Temperature	275 / *	°C	-
Load	5 / *	kg	-
Molding shrinkage, parallel	1.2 / *	%	ISO 294-4, 2577
Molding shrinkage, normal	1.4 / *	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	3600 / -	MPa	ISO 527
Flexural modulus, 23°C	2900 / -	MPa	ISO 178
Charpy impact strength, +23°C	N / -	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	5 / -	kJ/m ²	ISO 179/1eA
Izod notched impact strength, +23°C	5 / -	kJ/m ²	ISO 180/1A
Ball indentation hardness	150 / -	MPa	ISO 2039-1
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	221 / *	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	60 / *	°C	ISO 75-1/-2
Vicat softening temperature, B	200 / *	°C	ISO 306
Other properties			
Density	1140 / -	kg/m ³	ISO 1183

Characteristics**Processing**

Injection Molding

Delivery form

Granules, Black, Natural Color

Features

Tribologic Grade

Applications

Automotive, Building Construction, Electrical and Electronical

Regional Availability

Europe