

Titalon® 2102GBM

Polyamide 66

Titan Plastics Compounds Co., Ltd.

Message:

Titalon®2102GBM is a polyamide 66 (nylon 66) material. This product is available in the Asia-Pacific region.

Titalon®The main characteristics of 2102GBM are:

flame retardant/rated flame

Wear-resistant

Lubrication

General Information			
Additive	Molybdenum disulfide lubricant		
Features	Good wear resistance		
	Lubrication		
Appearance	Black		
Physical	Nominal Value	Unit	Test Method
Density	1.16	g/cm ³	ISO 1183
Molding Shrinkage ¹ (3.00 mm)	0.80 - 1.2	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	100	MPa	ISO 527-2
Tensile Strain (Break)	> 2.0	%	ISO 527-2
Flexural Modulus	4700	MPa	ISO 178
Flexural Stress	160	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	5.0	kJ/m ²	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	160	°C	ISO 75-2/A
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+14	ohms	IEC 60093
Volume Resistivity	1.0E+14	ohms · cm	IEC 60093
Flammability	Nominal Value	Unit	Test Method
Flame Rating	HB		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	80.0 - 100	°C	
Drying Time	4.0	hr	
Processing (Melt) Temp	260 - 290	°C	
Mold Temperature	60.0 - 100	°C	
Injection instructions			
Injection Pressure: 30 to 70%Injection Velocity: 30 to 60%			
NOTE			

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Recommended distributors for this material

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