

Tislamid® PA66 PA66 50 GFR MoS

Polyamide 66

Tisan

Message:

Tislamid® PA66 PA66 50 GFR MoS is a Polyamide 66 (Nylon 66) material filled with 50% glass fiber. It is available in Africa & Middle East or Europe for injection molding. Primary attribute of Tislamid® PA66 PA66 50 GFR MoS: Lubricated.

General Information			
Filler / Reinforcement	Glass Fiber,50% Filler by Weight		
Additive	Molybdenum Disulfide Lubricant		
Appearance	Colors Available		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.51	g/cm³	ISO 1183
Molding Shrinkage	0.010	%	
Water Absorption (Equilibrium, 23°C, 50% RH)	< 2.0	%	ISO 62
Ash Content	50	%	ISO 3451
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	85		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			ISO 527-2
Yield	151	MPa	
Break	151	MPa	
Tensile Strain			ISO 527-2
Yield	0.30	%	
Break	0.30	%	
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	11	kJ/m²	ISO 180/A
Thermal	Nominal Value	Unit	
Melting Temperature	255 to 260	°C	
Injection	Nominal Value	Unit	
Drying Temperature	110 to 120	°C	
Drying Time	3.0 to 4.0	hr	
Rear Temperature	260 to 280	°C	
Middle Temperature	260 to 280	°C	
Front Temperature	260 to 280	°C	
Nozzle Temperature	250 to 270	°C	
Processing (Melt) Temp	260 to 290	°C	
Mold Temperature	75.0 to 85.0	°C	

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Recommended distributors for this material

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