

Tislamid® PA66 PA66 UNR EP

Polyamide 66

Tisan

Message:

Tislamid® PA66 PA66 UNR EP is a Polyamide 66 (Nylon 66) material. It is available in Africa & Middle East or Europe for injection molding.

Important attributes of Tislamid® PA66 PA66 UNR EP are:

Flame Rated

Impact Resistant

General Information			
Features	High Impact Resistance		
Appearance	Colors Available		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.07	g/cm³	ISO 1183
Molding Shrinkage	1.6	%	
Water Absorption (Equilibrium, 23°C, 50% RH)	2.0	%	ISO 62
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	78		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			ISO 527-2
Yield	50.0	MPa	
Break	49.0	MPa	
Tensile Strain			ISO 527-2
Yield	2.0	%	
Break	2.0	%	
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	30	kJ/m²	ISO 180/A
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	255 to 260	°C	
Electrical	Nominal Value	Unit	Test Method
Comparative Tracking Index (3.00 mm)	600	V	IEC 60112
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.60 mm)	HB		UL 94
Glow Wire Flammability Index (3.00 mm)	650	°C	IEC 60695-2-12
Injection	Nominal Value	Unit	Test Method
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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