

TECACOMP® PA66 GF30 TF15 HI natural 3133

Polyamide 66
Ensinger GmbH

Message:

TECACOMP®PA66 GF30 TF15 HI natural 3133 is a polyamide 66 (nylon 66) product, which contains 15% ptfe fiber and 30% glass fiber reinforcement. It can be processed by injection molding and is available in Europe. The main characteristics are: heat stabilizer.

General Information			
Filler / Reinforcement	PTFE fiber, 15% filler by weight		
	Glass fiber reinforced material, 30% filler by weight		
Additive	heat stabilizer		
Features	Thermal Stability		
Appearance	Natural color		
Forms	Particles		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.46	g/cm³	
Viscosity Number (H2SO4 (Sulphuric Acid))	150	cm³/g	ISO 307
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	9500	MPa	ISO 527-2/50
Tensile Stress	180	MPa	ISO 527-2/50
Tensile Strain (Break)	3.5	%	ISO 527-2/50
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength	75	kJ/m²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Glass Transition Temperature			DIN 53765
-- 1	5.00	°C	DIN 53765
-- 2	72.0	°C	DIN 53765
Melting Temperature	260	°C	DIN 53765
Service Temperature			
long term	110	°C	
short term	170	°C	
Injection	Nominal Value	Unit	
Drying Temperature	80	°C	
Drying Time	4.0 - 8.0	hr	
Suggested Max Moisture	0.10	%	
Processing (Melt) Temp	260 - 310	°C	
Mold Temperature	90 - 150	°C	
NOTE			

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| 1. | Moist |
| 2. | Dry |

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Recommended distributors for this material

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