

DILAMID® 66 FVT 30 NAT A

Polyamide 66

Dilaplast S.p.A.

Message:

DILAMID® 66 FVT 30 NAT A is a polyamide 66 (nylon 66) material that contains a 30% glass fiber reinforced material. This product is available in Europe, and the processing method is injection molding.

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 30% filler by weight		
Additive	Titanium dioxide (TiO ₂)		
Appearance	Natural color		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.37	g/cm ³	ISO 1183
Molding Shrinkage - Flow	0.40 - 0.60	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	120	MPa	ISO 527-2
Tensile Strain (Break)	3.5	%	ISO 527-2
Flexural Modulus	6.50	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	6.5	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	220	°C	ISO 75-2/A
Vicat Softening Temperature	220	°C	ISO 306/B50
Electrical	Nominal Value	Unit	Test Method
Dielectric Strength	20	kV/mm	ASTM D149
Comparative Tracking Index	500	V	IEC 60112
Flammability	Nominal Value	Unit	Test Method
Glow Wire Ignition Temperature (2.00 mm)	650	°C	IEC 60695-2-13
Injection	Nominal Value	Unit	
Drying Temperature	70.0 - 100	°C	
Drying Time	2.0 - 8.0	hr	
Suggested Max Moisture	0.20	%	
Rear Temperature	260 - 300	°C	
Middle Temperature	270 - 310	°C	
Front Temperature	280 - 320	°C	
Nozzle Temperature	270 - 310	°C	
Processing (Melt) Temp	280 - 320	°C	
Mold Temperature	70.0 - 110	°C	

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Recommended distributors for this material

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