

DILAMID® 66 NATURAL

Polyamide 66

Dilaplast S.p.A.

Message:

DILAMID® 66 NATURAL is a polyamide 66 (nylon 66) material. This product is available in Europe, and the processing method is injection molding.

General Information			
Features	General		
Uses	General		
Appearance	Natural color		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.14	g/cm ³	ISO 1183
Molding Shrinkage - Flow	1.5 - 1.9	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	70.0	MPa	ISO 527-2
Tensile Strain (Break)	20	%	ISO 527-2
Flexural Modulus	2.50	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)	80.0	°C	ISO 75-2/A
Vicat Softening Temperature	220	°C	ISO 306/B50
Electrical	Nominal Value	Unit	Test Method
Dielectric Strength	19	kV/mm	ASTM D149
Comparative Tracking Index	500	V	IEC 60112
Flammability	Nominal Value	Unit	Test Method
Glow Wire Ignition Temperature (2.00 mm)	750	°C	IEC 60695-2-13
Additional Information			
Available also in version WW (Elastomer modified free conditioning) and ELT (Elastomer modified high impact).HDT A (1.80 MPa) Unannealed, ISO 75A-1, 2: >80°CComparative Track Index, IEC 60112: >500 V			
Injection	Nominal Value	Unit	
Drying Temperature	70.0 - 100	°C	
Drying Time	2.0 - 8.0	hr	
Suggested Max Moisture	0.20	%	
Rear Temperature	250 - 280	°C	
Middle Temperature	260 - 290	°C	
Front Temperature	270 - 300	°C	
Nozzle Temperature	265 - 295	°C	

Processing (Melt) Temp	270 - 300	°C
Mold Temperature	60.0 - 90.0	°C

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Recommended distributors for this material

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