

DILAMID® 6 FV BLACK 2072/2

Polyamide 6

Dilaplast S.p.A.

Message:

DILAMID® 6 FV BLACK 2072/2 is a Polyamide 6 (Nylon 6) material filled with 15% glass fiber. It is available in Europe for injection molding.
Typical application of DILAMID® 6 FV BLACK 2072/2: Industrial Applications

General Information			
Filler / Reinforcement	Glass Fiber,15% Filler by Weight		
Uses	Industrial Applications		
Appearance	Black		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.24	g/cm ³	ISO 1183
Molding Shrinkage - Flow	0.40 to 0.50	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	110	MPa	ISO 527-2
Tensile Strain (Break)	4.0	%	ISO 527-2
Flexural Modulus	4.50	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	6.0	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	190	°C	ISO 75-2/A
Vicat Softening Temperature	200	°C	ISO 306/B50
Electrical	Nominal Value	Unit	Test Method
Dielectric Strength	21	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 to 90.0	°C	
Drying Time	2.0 to 8.0	hr	
Suggested Max Moisture	0.20	%	
Rear Temperature	240 to 280	°C	
Middle Temperature	250 to 290	°C	
Front Temperature	260 to 300	°C	
Nozzle Temperature	255 to 295	°C	
Processing (Melt) Temp	260 to 300	°C	
Mold Temperature	70.0 to 110	°C	

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519
Phone: +86 13424755533
Email: sales@su-jiao.com
No. 215, Lianhe North Road, Fengxian District, Shanghai, China

