

Latigray 66-01 CX/50

Polyamide 66

LATI S.p.A.

Message:

Radiopaque compound based on Polyamide 66 (PA66).
Special mineral filler.

General Information			
Filler / Reinforcement	Mineral,50% Filler by Weight		
Features	Radiopaque		
Physical	Nominal Value	Unit	Test Method
Density	1.78	g/cm ³	ISO 1183
Molding Shrinkage ¹			ISO 294-4
Across Flow : 2.00 mm	1.0 to 1.4	%	
Flow : 2.00 mm	0.90 to 1.3	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	4800	MPa	ISO 527-2/1
Tensile Stress (Break, 23°C)	65.0	MPa	ISO 527-2/5
Tensile Strain (Break, 23°C)	1.6	%	ISO 527-2/5
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	2.0	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	25	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	240	°C	ISO 75-2/B
1.8 MPa, Unannealed	110	°C	ISO 75-2/A
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+13	ohms	ASTM D257
Injection	Nominal Value	Unit	
Drying Temperature	80.0 to 100	°C	
Drying Time	3.0	hr	
Processing (Melt) Temp	280 to 300	°C	
Mold Temperature	80.0 to 100	°C	
Injection Rate	Moderate		
NOTE			
1.	60 MPa		

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