

Latigray 82-02 CX/80

Polyamide 12

LATI S.p.A.

Message:

Radiopaque compound based on Polyamide 12 (PA12). Special mineral filler.

General Information			
Filler / Reinforcement	Filler, 80% filler by weight		
Features	Resistance		
Physical	Nominal Value	Unit	Test Method
Density	2.93	g/cm ³	ISO 1183
Molding Shrinkage ¹			ISO 294-4
Transverse flow: 2.00mm	0.75 - 0.95	%	ISO 294-4
Flow: 2.00mm	0.75 - 0.95	%	ISO 294-4
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	7700	MPa	ISO 527-2/1
Tensile Stress (Break, 23°C)	30.0	MPa	ISO 527-2/5
Tensile Strain (Break, 23°C)	0.80	%	ISO 527-2/5
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, not annealed	140	°C	ISO 75-2/B
1.8 MPa, not annealed	90.0	°C	ISO 75-2/A
Vicat Softening Temperature	160	°C	ISO 306/B50
Additional Information	Nominal Value	Unit	Test Method
HVT			Internal method
at 120kV	560.0	µm	Internal method
at 80kV	140.0	µm	Internal method
NOTE			
1.	60 MPa		

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