

Latimass 82-02 D030

Polyamide 12

LATI S.p.A.

Message:

Specific density compound based on Polyamide 12 (PA12). Special filler.

General Information			
Filler / Reinforcement	Filler		
Physical	Nominal Value	Unit	Test Method
Density	3.30	g/cm ³	ISO 1183
Molding Shrinkage ¹			ISO 294-4
Transverse flow: 2.00mm	0.80 - 1.0	%	ISO 294-4
Flow: 2.00mm	0.80 - 1.0	%	ISO 294-4
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	10000	MPa	ISO 527-2/1
Tensile Stress (Break, 23°C)	25.0	MPa	ISO 527-2/5
Tensile Strain (Break, 23°C)	0.60	%	ISO 527-2/5
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	4.0	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	15	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, not annealed	150	°C	ISO 75-2/B
1.8 MPa, not annealed	90.0	°C	ISO 75-2/A
Vicat Softening Temperature	165	°C	ISO 306/B50
NOTE			
1.	60 MPa		

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