

LATI Latigray 82-02 CX/80 PA 12

Category : Polymer , Thermoplastic , Nylon , Nylon 12

Material Notes:

Radiopaque compound based on Polyamide 12 (PA12). Special mineral filler. Availability: Africa & Middle East; Asia Pacific; Europe; Latin America; North America
Information provided by Lati Industria Termoplastici S.p.A.

Order this product through the following link:

http://www.lookpolymers.com/polymer_LATI-Latigray-82-02-CX80-PA-12.php

Physical Properties	Metric	English	Comments
Density	2.93 g/cc	0.106 lb/in ³	
Thickness	140 microns	5.51 mil	80
	560 microns	22.0 mil	120
Linear Mold Shrinkage, Flow	0.0075 - 0.0095 cm/cm	0.0075 - 0.0095 in/in	
Linear Mold Shrinkage, Transverse	0.0075 - 0.0095 cm/cm	0.0075 - 0.0095 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	30.0 MPa	4350 psi	
Elongation at Break	0.80 %	0.80 %	
Tensile Modulus	7.70 GPa	1120 ksi	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	140 Â°C	284 Â°F	
Deflection Temperature at 1.8 MPa (264 psi)	90.0 Â°C	194 Â°F	
Vicat Softening Point	160 Â°C	320 Â°F	
	@Load 5.00 kg	@Load 11.0 lb	

Processing Properties	Metric	English	Comments
Melt Temperature	250 - 270 Â°C	482 - 518 Â°F	
Mold Temperature	60.0 - 80.0 Â°C	140 - 176 Â°F	
Drying Temperature	80.0 - 100 Â°C	176 - 212 Â°F	
	@Time 10800 sec	@Time 3.00 hour	

Descriptive Properties	Value	Comments
ISO Shrinkage - Pressure	60 MPa	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China