

Latigray 47/1-01 CX/45

Polypropylene Copolymer

LATI S.p.A.

Message:

Radiopaque compound based on Polypropylene copolymer (PPc).
Special mineral filler.

General Information			
Filler / Reinforcement	Mineral,45% Filler by Weight		
Features	Copolymer		
	Radiopaque		
Physical	Nominal Value	Unit	Test Method
Density	1.37	g/cm ³	ISO 1183
Molding Shrinkage ¹			ISO 294-4
Across Flow : 2.00 mm	1.4 to 1.8	%	
Flow : 2.00 mm	1.4 to 1.8	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	100	MPa	ISO 527-2/1
Tensile Stress (Break, 23°C)	5.00	MPa	ISO 527-2/5
Tensile Strain			ISO 527-2/5
Yield, 23°C	> 10	%	
Break, 23°C	> 100	%	
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	No Break		ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	No Break		ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	50.0	°C	ISO 75-2/B
1.8 MPa, Unannealed	40.0	°C	ISO 75-2/A
Vicat Softening Temperature	60.0	°C	ISO 306/B50
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+13	ohms	ASTM D257
Injection	Nominal Value	Unit	
Drying Temperature	80.0 to 90.0	°C	
Drying Time	3.0	hr	
Processing (Melt) Temp	200 to 240	°C	
Mold Temperature	40.0 to 60.0	°C	
Injection Rate	Fast		
NOTE			

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

