

Latiblend 5262

Polyamide + PP

LATI S.p.A.

Message:

Polypropylene homopolymer (PPh)/Polyamide 6 (PA 6).

Very high impact resistance. Very high toughness properties.

General Information			
Features	Homopolymer		
	Ultra High Impact Resistance		
	Ultra High Toughness		
Physical	Nominal Value	Unit	Test Method
Density	0.970	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	1.3 to 1.7	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	750	MPa	ISO 527-2/1
Tensile Stress			ISO 527-2/5
Yield, 23°C	22.0	MPa	
Break, 23°C	20.0	MPa	
Tensile Strain			ISO 527-2/5
Yield, 23°C	6.0	%	
Break, 23°C	150	%	
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	30	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	No Break		ISO 179/1eU
Notched Izod Impact (23°C, 3.20 mm)	350	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	80.0	°C	ISO 75-2/B
1.8 MPa, Unannealed	45.0	°C	ISO 75-2/A
Continuous Use Temperature ²	70.0	°C	
Vicat Softening Temperature	70.0	°C	ISO 306/B50
CLTE - Flow (30 to 100°C)	4.0E-5	cm/cm/°C	ASTM D696
Injection	Nominal Value	Unit	
Drying Temperature	80.0 to 90.0	°C	
Drying Time	3.0	hr	
Processing (Melt) Temp	220 to 240	°C	

Mold Temperature	70.0 to 80.0	°C
Injection Rate	Moderate	
NOTE		
1.	at 60 MPa of cavity pressure	
2.	20,000 hr	

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

