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/cm³	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/m²	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

Recommended distributors for this material

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