

## LATI Latiblend 5262 PP Homopolymer/PA6

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6, Unreinforced , Polypropylene (PP)

### Material Notes:

Blend based on Polypropylene homopolymer (PPh) / Polyamide 6 (PA6). Unfilled. High impact resistance. Very good elongation. 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-Latiblend-5262-PP-HomopolymerPA6.php](http://www.lookpolymers.com/polymer_LATI-Latiblend-5262-PP-HomopolymerPA6.php)

Physical Properties	Metric	English	Comments
Density	0.970 g/cc	0.0350 lb/in <sup>3</sup>	
Linear Mold Shrinkage, Flow	0.013 - 0.017 cm/cm	0.013 - 0.017 in/in	
Linear Mold Shrinkage, Transverse	0.014 - 0.018 cm/cm	0.014 - 0.018 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	20.0 MPa	2900 psi	
Elongation at Break	150 % @Temperature 23.0 Â°C	150 % @Temperature 73.4 Â°F	
Elongation at Yield	6.0 % @Temperature 23.0 Â°C	6.0 % @Temperature 73.4 Â°F	
Tensile Modulus	0.750 GPa	109 ksi	
Charpy Impact Unnotched	NB	NB	
Charpy Impact, Notched	3.00 J/cm <sup>2</sup>	14.3 ft-lb/in <sup>2</sup>	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	70.0 Â°C	158 Â°F	
Deflection Temperature at 0.46 MPa (66 psi)	80.0 Â°C	176 Â°F	
Deflection Temperature at 1.8 MPa (264 psi)	45.0 Â°C	113 Â°F	
Vicat Softening Point	70.0 Â°C @Load 5.00 kg	158 Â°F @Load 11.0 lb	

Processing Properties	Metric	English	Comments
Melt Temperature	220 - 240 Â°C	428 - 464 Â°F	
Mold Temperature	70.0 - 80.0 Â°C	158 - 176 Â°F	
Drying Temperature	80.0 - 90.0 Â°C @Time 10800 sec	176 - 194 Â°F @Time 3.00 hour	

Descriptive Properties	Value	Comments
ISO Shrinkage - Pressure	60 MPa	

## Contact Songhan Plastic Technology Co.,Ltd.

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