

## LATI Latilub 88/10-10T Y/10 PEEK, 10% Aramid Fiber Reinforced, PTFE Filled

Category : Polymer , Thermoplastic , Polyketone , Polyetheretherketone (PEEK) , Polyetheretherketone, PEEK, Aramid Fiber Filled

### Material Notes:

Self-lubricating product based on Polyetheretherketone (PEEK). PTFE. Aramid fibers. 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-Latilub-8810-10T-Y10-PEEK-10-Aramid-Fiber-Reinforced-PTFE-Filled.php](http://www.lookpolymers.com/polymer_LATI-Latilub-8810-10T-Y10-PEEK-10-Aramid-Fiber-Reinforced-PTFE-Filled.php)

Physical Properties	Metric	English	Comments
Density	1.37 g/cc	0.0495 lb/in <sup>3</sup>	
Linear Mold Shrinkage, Flow	0.0075 - 0.0115 cm/cm	0.0075 - 0.0115 in/in	
Linear Mold Shrinkage, Transverse	0.0085 - 0.0125 cm/cm	0.0085 - 0.0125 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	75.0 MPa	10900 psi	
Elongation at Break	6.0 %	6.0 %	
Tensile Modulus	4.00 GPa	580 ksi	
Charpy Impact Unnotched	5.50 J/cm <sup>2</sup>	26.2 ft-lb/in <sup>2</sup>	
Charpy Impact, Notched	0.500 J/cm <sup>2</sup>	2.38 ft-lb/in <sup>2</sup>	
Coefficient of Friction, Dynamic	0.20	0.20	
Coefficient of Friction, Static	0.25	0.25	
K (wear) Factor	6.70 x 10 <sup>-8</sup> mm <sup>3</sup> /N-M	3.33 x 10 <sup>-10</sup> in <sup>3</sup> -min/ft-lb-hr	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	240 °C	464 °F	
Deflection Temperature at 1.8 MPa (264 psi)	165 °C	329 °F	
Vicat Softening Point	285 °C @Load 5.00 kg	545 °F @Load 11.0 lb	

Processing Properties	Metric	English	Comments
Melt Temperature	360 - 390 °C	680 - 734 °F	

Mold Temperature Processing Properties	170 - 200 °C Metric	338 - 392 °F English	Comments
Drying Temperature	120 - 150 °C @Time 10800 sec	248 - 302 °F @Time 3.00 hour	

Descriptive Properties	Value	Comments
ISO Shrinkage - Pressure	60 MPa	

## Contact Songhan Plastic Technology Co.,Ltd.

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