

## LATI Latilub 88/50-20T PEEK, PTFE Filled

Category : Polymer , Thermoplastic , Polyketone , Polyetheretherketone (PEEK) , Polyetheretherketone, PEEK, PTFE-Filled

### Material Notes:

Self-lubricating product based on Polyetheretherketone (PEEK). PTFE. 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-8850-20T-PEEK-PTFE-Filled.php](http://www.lookpolymers.com/polymer_LATI-Latilub-8850-20T-PEEK-PTFE-Filled.php)

Physical Properties	Metric	English	Comments
Density	1.40 g/cc	0.0506 lb/in <sup>3</sup>	
Linear Mold Shrinkage, Flow	0.0090 - 0.013 cm/cm	0.0090 - 0.013 in/in	
Linear Mold Shrinkage, Transverse	0.010 - 0.014 cm/cm	0.010 - 0.014 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	75.0 MPa	10900 psi	
Elongation at Break	30 %	30 %	
Elongation at Yield	7.0 %	7.0 %	
Tensile Modulus	3.90 GPa	566 ksi	
Charpy Impact Unnotched	NB	NB	
Charpy Impact, Notched	0.700 J/cm <sup>2</sup>	3.33 ft-lb/in <sup>2</sup>	
Coefficient of Friction, Dynamic	0.23	0.23	
Coefficient of Friction, Static	0.26	0.26	
K (wear) Factor	4.40 x 10 <sup>-8</sup> mm <sup>3</sup> /N-M	2.18 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)	190 °C	374 °F	
Deflection Temperature at 1.8 MPa (264 psi)	155 °C	311 °F	
Vicat Softening Point	270 °C	518 °F	
	@Load 5.00 kg	@Load 11.0 lb	

Processing Properties	Metric	English	Comments
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Melt Temperature Processing Properties	360 - 390 °C Metric	680 - 734 °F English	Comments
Mold Temperature	170 - 200 °C	338 - 392 °F	
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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