

LATI Latilub 62-06GR PA6, Graphite Reinforced

Category : Polymer , Thermoplastic , Nylon , Nylon 6

Material Notes:

Self-lubricating product based on Polyamide 6 (PA6). Graphite. 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-62-06GR-PA6-Graphite-Reinforced.php

| Physical Properties | Metric | English | Comments |
|-----------------------------------|-----------------------|---------------------------|----------|
| Density | 1.17 g/cc | 0.0423 lb/in ³ | |
| Linear Mold Shrinkage, Flow | 0.0090 - 0.0125 cm/cm | 0.0090 - 0.0125 in/in | |
| Linear Mold Shrinkage, Transverse | 0.0095 - 0.0135 cm/cm | 0.0095 - 0.0135 in/in | |

| Mechanical Properties | Metric | English | Comments |
|----------------------------------|--|--|----------|
| Tensile Strength at Break | 75.0 MPa | 10900 psi | |
| Elongation at Break | 6.0 % | 6.0 % | |
| Elongation at Yield | 3.5 % | 3.5 % | |
| Tensile Modulus | 4.50 GPa | 653 ksi | |
| Charpy Impact Unnotched | 7.50 J/cm ² | 35.7 ft-lb/in ² | |
| Charpy Impact, Notched | 0.300 J/cm ² | 1.43 ft-lb/in ² | |
| Coefficient of Friction, Dynamic | 0.20 | 0.20 | |
| Coefficient of Friction, Static | 0.24 | 0.24 | |
| K (wear) Factor | 16.0 x 10 ⁻⁸ mm ³ /N-M | 7.94 x 10 ⁻¹⁰ in ³ -min/ft-lb-hr | |

| Thermal Properties | Metric | English | Comments |
|---|--------------------------|--------------------------|----------|
| Deflection Temperature at 0.46 MPa (66 psi) | 195 Â°C | 383 Â°F | |
| Deflection Temperature at 1.8 MPa (264 psi) | 75.0 Â°C | 167 Â°F | |
| Vicat Softening Point | 205 Â°C @Load 5.00 kg | 401 Â°F @Load 11.0 lb | |

| Processing Properties | Metric | English | Comments |
|-----------------------|--------|---------|----------|
|-----------------------|--------|---------|----------|

| Melt Temperature Processing Properties | 230 - 250 Å°C Metric | 445 - 482 Å°F English | Comments |
|---|-----------------------------------|----------------------------------|----------|
| Mold Temperature | 70.0 - 90.0 Å°C | 158 - 194 Å°F | |
| Drying Temperature | 90.0 - 100 Å°C @Time 10800 sec | 194 - 212 Å°F @Time 3.00 hour | |

| Descriptive Properties | Value | Comments |
|--------------------------|--------|----------|
| ISO Shrinkage - Pressure | 60 MPa | |

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China