

## SABIC Innovative Plastics LNP THERMOCOMP QC006 PA 6/10 (Asia Pacific)

Category : Polymer , Thermoplastic , Nylon , Nylon 610

**Material Notes:**

LNP\* THERMOCOMP\* QC006 is a compound based on Nylon 6/10 resin containing Carbon Fiber. Added features of this material include:  
Electrically Conductive.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_SABIC-Innovative-Plastics-LNP-THERMOCOMP-QC006-PA-610-Asia-Pacific.php](http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-THERMOCOMP-QC006-PA-610-Asia-Pacific.php)

| Physical Properties | Metric    | English                   | Comments  |
|---------------------|-----------|---------------------------|-----------|
| Density             | 1.22 g/cc | 0.0441 lb/in <sup>3</sup> | ASTM D792 |

| Mechanical Properties     | Metric    | English       | Comments  |
|---------------------------|-----------|---------------|-----------|
| Tensile Strength at Break | 236 MPa   | 34200 psi     | ASTM D638 |
| Flexural Strength         | 393 MPa   | 57000 psi     | ASTM D790 |
| Flexural Modulus          | 18.61 GPa | 2699 ksi      | ASTM D790 |
| Izod Impact, Notched      | 1.22 J/cm | 2.29 ft-lb/in | ASTM D256 |

| Thermal Properties                          | Metric                        | English                        | Comments              |
|---|-------------------------------|--------------------------------|-----------------------|
| Deflection Temperature at 1.8 MPa (264 psi) | 217 Â°C<br>@Thickness 3.20 mm | 423 Â°F<br>@Thickness 0.126 in | unannealed; ASTM D648 |

## Contact Songhan Plastic Technology Co.,Ltd.

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