# ALTECH PA66 ECO 2030/510 GF30 IM

PA66-I-GF30 MOCOM Compounds GmbH & Co. KG

| Product Texts | |
|---|---|
| Base Polymer | Polyamide 66 |
| Filler/Additive System | 30 % glass fibres |
| Special Features | heat stabilised,injection moulding grade,easy release (demoulding),impact modified |
| Market Segment | various |
| Application Area | lighting,domestic appliances |

| Mechanical properties | Value | Unit | Test Standard |
|---|---|---|---|
| **ISO Data** | | | |
| [C] Tensile Modulus | **8900** | MPa | ISO 527 |
| [C] Stress at break | **135** | MPa | ISO 527 |
| [C] Strain at break | **3.2** | % | ISO 527 |
| [C] Charpy impact strength, +23°C | **65** | kJ/m² | ISO 179/1eU |
| [C] Charpy notched impact strength, +23°C | **9.5** | kJ/m² | ISO 179/1eA |

[C]: CAMPUS

| Thermal properties | Value | Unit | Test Standard |
|---|---|---|---|
| **ISO Data** | | | |
| [C] Temp. of deflection under load, 1.80 MPa | **249** | °C | ISO 75-1/-2 |

[C]: CAMPUS

| Other properties | Value | Unit | Test Standard |
|---|---|---|---|
| [C] Density | **1400** | kg/m³ | ISO 1183 |

[C]: CAMPUS

## Characteristics

**Processing**

Injection Molding

**Regional Availability**

North America, Europe, Asia Pacific, Near East/Africa

**Special Characteristics**

High impact or impact modified, Heat stabilized or stable to heat

## Other text information

| Injection molding | |
|---|---|
| Pre-Drying Conditions | 80 °C in a dry air (dessiccant) dryer<br>for 2-12 h<br>dependant on moisture content |
| Processing Injection Moulding | melt temperature 280-300 °C<br>mould temperature 80-90 °C |
| Storage | dry, protected from light |


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