

Product Texts

| | |
|------------------------|--|
| Base Polymer | Polyamide 66 |
| Filler/Additive System | 15 % talcum |
| Special Features | impact modified,heat stabilised,easy release (demoulding),injection moulding grade |
| Market Segment | Automotive,various |
| Typical Applications | wheel trims,various |

Mechanical properties

| | Value | Unit | Test Standard |
|---|-------|-------------------|---------------|
| ISO Data | | | |
| [C] Tensile Modulus | 3300 | MPa | ISO 527 |
| [C] Yield stress | 77 | MPa | ISO 527 |
| [C] Yield strain | 6 | % | ISO 527 |
| [C] Charpy impact strength, +23°C | 250 | kJ/m ² | ISO 179/1eU |
| [C] Charpy notched impact strength, +23°C | 8.5 | kJ/m ² | ISO 179/1eA |

[C]: CAMPUS

Thermal properties

| | Value | Unit | Test Standard |
|--|-------|------|---------------|
| ISO Data | | | |
| [C] Temp. of deflection under load, 1.80 MPa | 78 | °C | ISO 75-1/-2 |

[C]: CAMPUS

Other properties

| | Value | Unit | Test Standard |
|-------------|-------|-------------------|---------------|
| [C] Density | 1250 | kg/m ³ | ISO 1183 |

[C]: CAMPUS

Characteristics**Processing**

Injection Molding

Certifications

Recycled Resin Content

Special Characteristics

High impact or impact modified

Regional Availability

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

Other text information**Injection molding**

| | |
|-------------------------------|---|
| Pre-Drying Conditions | 80 °C in a dry air (desiccant) dryer for 2-12 h dependant on moisture content max. moisture content <0,15 % |
| Processing Injection Moulding | melt temperature 280-300 °C mould temperature 80-100 °C |
| Storage | dry, protected from light |