

Product Texts

| | |
|------------------------|--|
| Base Polymer | Polypropylene Homopolymer |
| Filler/Additive System | 30 % talcum |
| Special Features | processing stabilised |
| Market Segment | Automotive, Machinery, various |
| Application Area | fixtures / fittings, interior, various |
| Typical Applications | dashboard / instrument panels, display elements, various |

Processing/Physical Characteristics

| | Value | Unit | Test Standard |
|--|-------|------|---------------|
|--|-------|------|---------------|

ISO Data

| | | | |
|---|------|------------------------|----------|
| ^[C] Melt volume-flow rate, MVR | 18 | cm ³ /10min | ISO 1133 |
| Temperature | 230 | °C | - |
| Load | 2.16 | kg | - |

[C]: CAMPUS

Mechanical properties

| | Value | Unit | Test Standard |
|--|-------|------|---------------|
|--|-------|------|---------------|

ISO Data

| | | | |
|--|------|-------------------|-------------|
| ^[C] Tensile Modulus | 3200 | MPa | ISO 527 |
| ^[C] Charpy impact strength, +23°C | 25 | kJ/m ² | ISO 179/1eU |
| ^[C] Charpy notched impact strength, +23°C | 2.5 | 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 | 80 | °C | ISO 75-1/-2 |
| ^[C] Vicat softening temperature, B | 96 | °C | ISO 306 |

[C]: CAMPUS

Other properties

| | Value | Unit | Test Standard |
|--|-------|------|---------------|
|--|-------|------|---------------|

| | | | |
|------------------------|------|-------------------|----------|
| ^[C] Density | 1150 | kg/m ³ | ISO 1183 |
|------------------------|------|-------------------|----------|

[C]: CAMPUS

Characteristics**Processing**

Injection Molding

Regional Availability

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

Features

Homopolymer

Other text information**Injection molding**

| | |
|-------------------------------|---|
| Pre-Drying Conditions | in a dry air (dessiccant) dryer 60-90 °C for 2-4 h in an air circulating dryer 60-90 °C for 2-4 h dependant on moisture content |
| Processing Injection Moulding | melt temperature 200-270 °C mould temperature 20-70 °C |
| Storage | dry, protected from light not above 30°C |