

Product Texts

Polyamide 6, 30% mineral filler, heat-aging stabilized, improved flowability, for injection moulding, black

Processing/Physical Characteristics

dry / cond

Unit

Test Standard

ISO Data

| | | | |
|--|---------|------------------------|-----------------|
| Melt volume-flow rate, MVR | 50 / * | cm ³ /10min | ISO 1133 |
| Load | 5 / * | kg | - |
| ^[C] Molding shrinkage, parallel | 0.7 / * | % | ISO 294-4, 2577 |
| ^[C] Molding shrinkage, normal | 0.7 / * | % | ISO 294-4, 2577 |

[C]: CAMPUS

Mechanical properties

dry / cond

Unit

Test Standard

ISO Data

| | | | |
|--|-------------|-------------------|-------------|
| ^[C] Tensile Modulus | 6400 / 4200 | MPa | ISO 527 |
| Flexural modulus, 23°C | 6000 / 2800 | MPa | ISO 178 |
| ^[C] Charpy impact strength, +23°C | 30 / 23 | kJ/m ² | ISO 179/1eU |
| ^[C] Charpy notched impact strength, +23°C | 3 / 7 | kJ/m ² | ISO 179/1eA |

[C]: CAMPUS

Thermal properties

dry / cond

Unit

Test Standard

ISO Data

| | | | |
|---|---------|----|----------------|
| ^[C] Melting temperature, 10°C/min | 221 / * | °C | ISO 11357-1/-3 |
| ^[C] Temp. of deflection under load, 1.80 MPa | 125 / * | °C | ISO 75-1/-2 |
| ^[C] Temp. of deflection under load, 0.45 MPa | 190 / * | °C | ISO 75-1/-2 |

[C]: CAMPUS

Other properties

dry / cond

Unit

Test Standard

| | | | |
|------------------------|----------|-------------------|----------|
| ^[C] Density | 1380 / - | kg/m ³ | ISO 1183 |
|------------------------|----------|-------------------|----------|

[C]: CAMPUS

Characteristics**Processing**

Injection Molding

Special Characteristics

Heat stabilized or stable to heat

Delivery form

Black