

**Product Texts**

High Viscosity, Heat Stabilized, Blow Molding and Extrusion Grade

ISO 1043 PA6/66

| Processing/Physical Characteristics       | dry / cond | Unit                   | Test Standard |
|---|------------|------------------------|---------------|
| <b>ISO Data</b>                           |            |                        |               |
| <sup>[C]</sup> Melt volume-flow rate, MVR | 2.3 / *    | cm <sup>3</sup> /10min | ISO 1133      |
| Temperature                               | 230 / *    | °C                     | -             |
| Load                                      | 2.16 / *   | kg                     | -             |

[C]: CAMPUS

| Mechanical properties                                | dry / cond | Unit              | Test Standard |
|--|------------|-------------------|---------------|
| <b>ISO Data</b>                                      |            |                   |               |
| <sup>[C]</sup> Tensile Modulus                       | 2500 / -   | MPa               | ISO 527       |
| <sup>[C]</sup> Yield stress                          | 72 / -     | MPa               | ISO 527       |
| <sup>[C]</sup> Yield strain                          | 4.1 / -    | %                 | ISO 527       |
| <sup>[C]</sup> Nominal strain at break               | >50 / -    | %                 | ISO 527       |
| <sup>[C]</sup> Charpy impact strength, +23°C         | N / -      | kJ/m <sup>2</sup> | ISO 179/1eU   |
| <sup>[C]</sup> Charpy notched impact strength, +23°C | 2.6 / -    | kJ/m <sup>2</sup> | ISO 179/1eA   |

[C]: CAMPUS

| Thermal properties                                      | dry / cond | Unit | Test Standard  |
|---|------------|------|----------------|
| <b>ISO Data</b>   |            |      |                |
| <sup>[C]</sup> Melting temperature, 10°C/min            | 193 / *    | °C   | ISO 11357-1/-3 |
| <sup>[C]</sup> Temp. of deflection under load, 1.80 MPa | 49 / *     | °C   | ISO 75-1/-2    |
| <sup>[C]</sup> Temp. of deflection under load, 0.45 MPa | 76 / *     | °C   | ISO 75-1/-2    |

[C]: CAMPUS

| Other properties                   | dry / cond | Unit              | Test Standard  |
|------------------------------------|------------|-------------------|----------------|
| <sup>[C]</sup> Water absorption    | 11 / *     | %                 | Sim. to ISO 62 |
| <sup>[C]</sup> Humidity absorption | 2.8 / *    | %                 | Sim. to ISO 62 |
| <sup>[C]</sup> Density             | 1120 / -   | kg/m <sup>3</sup> | ISO 1183       |

[C]: CAMPUS

| Material specific properties    | dry / cond | Unit               | Test Standard       |
|---------------------------------|------------|--------------------|---------------------|
| <b>ISO Data</b>                 |            |                    |                     |
| <sup>[C]</sup> Viscosity number | 246 / *    | cm <sup>3</sup> /g | ISO 307, 1157, 1628 |

[C]: CAMPUS

**Characteristics****Processing**

Other Extrusion

**Special Characteristics**

Heat stabilized or stable to heat

**Delivery form**

Pellets

**Regional Availability**

Asia Pacific