

**Product Texts**

Flame Retardant, Improved Impact

ISO 1043 PA6 FR(17)

| Processing/Physical Characteristics       | dry / cond | Unit                   | Test Standard |
|---|------------|------------------------|---------------|
| <b>ISO Data</b>                           |            |                        |               |
| <sup>[C]</sup> Melt volume-flow rate, MVR | 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> Stress at 50% strain                  | 45 / 33    | MPa               | ISO 527       |
| <sup>[C]</sup> Strain at break                       | >50 / >50  | %                 | ISO 527       |
| <sup>[C]</sup> Charpy notched impact strength, +23°C | 12 / 19    | 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            | 220 / *    | °C   | ISO 11357-1/-3 |
| <sup>[C]</sup> Temp. of deflection under load, 1.80 MPa | 62 / *     | °C   | ISO 75-1/-2    |
| <sup>[C]</sup> Temp. of deflection under load, 0.45 MPa | 155 / *    | °C   | ISO 75-1/-2    |

[C]: CAMPUS

| Other properties                   | dry / cond | Unit              | Test Standard  |
|------------------------------------|------------|-------------------|----------------|
| <sup>[C]</sup> Humidity absorption | 1.7 / *    | %                 | Sim. to ISO 62 |
| <sup>[C]</sup> Density             | 1380 / -   | kg/m <sup>3</sup> | ISO 1183       |

[C]: CAMPUS

**Characteristics****Processing**

Injection Molding

**Special Characteristics**

Flame retardant

**Delivery form**

Pellets

**Regional Availability**

Asia Pacific

**Other text information****Injection molding**[Steel recommendations for molds screws and barrels](#)[Trouble shooting guideline for injection molding](#)