

**TOTAL 6742**

PP

TotalEnergies

| Processing/Physical Characteristics      | Value | Unit              | Test Standard  |
|--|-------|-------------------|----------------|
| <b>ISO Data</b>                          |       |                   |                |
| Melt flow index, MFI                     | 8     | g/10min           | ISO 1133       |
| Temperature                              | 230   | °C                | -              |
| Load                                     | 2.16  | kg                | -              |
| <b>Mechanical properties</b>             |       |                   |                |
| <b>ISO Data</b>                          |       |                   |                |
| Tensile Modulus                          | 1250  | MPa               | ISO 527        |
| Yield stress                             | 27    | MPa               | ISO 527        |
| Yield strain                             | 6     | %                 | ISO 527        |
| Flexural modulus, 23°C                   | 1200  | MPa               | ISO 178        |
| Izod notched impact strength, +23°C      | 45    | kJ/m <sup>2</sup> | ISO 180/1A     |
| Izod notched impact strength             | 7     | kJ/m <sup>2</sup> | ISO 180/1A     |
| Temperature                              | -20   | °C                | -              |
| <b>Thermal properties</b>                |       |                   |                |
| <b>ISO Data</b>                          |       |                   |                |
| Melting temperature, 10°C/min            | 165   | °C                | ISO 11357-1/-3 |
| Temp. of deflection under load, 1.80 MPa | 48    | °C                | ISO 75-1/-2    |
| Temp. of deflection under load, 0.45 MPa | 90    | °C                | ISO 75-1/-2    |
| Vicat softening temperature, A           | 140   | °C                | ISO 306        |
| Vicat softening temperature, B           | 70    | °C                | ISO 306        |
| <b>Other properties</b>                  |       |                   |                |
| Density                                  | 905   | kg/m <sup>3</sup> | ISO 1183       |
| Bulk density                             | 525   | kg/m <sup>3</sup> | -              |

**Characteristics****Processing**

Injection Molding

**Features**

Creep Resistance, Copolymer

**Special Characteristics**

Anti-static, High impact or impact modified

**Regional Availability**

Europe