

Product Texts

SABIC® PP 532Bh has a high molecular weight and therefore mainly used for extrusion. It has been provided with a high heat stabilisation package and is typically used for thick sheet in demanding applications. Health, Safety and Food Contact regulations: Material Safety Data Sheets (MSDS) and Product Safety declarations are available on our Internet site <http://www.sabic.com>. This product is not intended for and must not be used in any pharmaceutical/medical applications.

| Mechanical properties | Value | Unit | Test Standard |
|---------------------------------------|--------------|-------------------|----------------------|
| ISO Data | | | |
| Tensile Modulus | 1800 | MPa | ISO 527 |
| Yield stress | 38 | MPa | ISO 527 |
| Yield strain | 8 | % | ISO 527 |
| Charpy impact strength, +23°C | N | kJ/m ² | ISO 179/1eU |
| Charpy notched impact strength, +23°C | 6 | kJ/m ² | ISO 179/1eA |
| Izod notched impact strength | 2.5 | kJ/m ² | ISO 180/1A |
| Shore D hardness | 72 | - | ISO 7619-1 |

| Thermal properties | Value | Unit | Test Standard |
|--|--------------|-------------|----------------------|
| ISO Data | | | |
| Temp. of deflection under load, 1.80 MPa | 65 | °C | ISO 75-1/-2 |
| Temp. of deflection under load, 0.45 MPa | 105 | °C | ISO 75-1/-2 |
| Vicat softening temperature, A | 160 | °C | ISO 306 |
| Vicat softening temperature, B | 101 | °C | ISO 306 |

Characteristics**Special Characteristics**

Heat stabilized or stable to heat