

**CELANEX® 3105H**

PBT

Celanese

| <b>Mechanical properties</b>              | <b>Value</b> | <b>Unit</b>       | <b>Test Standard</b> |
|---|--------------|-------------------|----------------------|
| <b>ISO Data</b>                           |              |                   |                      |
| [C] Tensile Modulus                       | <b>5470</b>  | MPa               | ISO 527              |
| [C] Stress at break                       | <b>94</b>    | MPa               | ISO 527              |
| [C] Strain at break                       | <b>3.8</b>   | %                 | ISO 527              |
| [C] Charpy notched impact strength, +23°C | <b>4.2</b>   | kJ/m <sup>2</sup> | ISO 179/1eA          |

[C]: CAMPUS

| <b>Thermal properties</b>                    | <b>Value</b> | <b>Unit</b> | <b>Test Standard</b> |
|--|--------------|-------------|----------------------|
| <b>ISO Data</b>                              |              |             |                      |
| [C] Melting temperature, 10°C/min            | <b>224</b>   | °C          | ISO 11357-1/-3       |
| [C] Temp. of deflection under load, 1.80 MPa | <b>188</b>   | °C          | ISO 75-1/-2          |

[C]: CAMPUS

| <b>Other properties</b> | <b>Value</b> | <b>Unit</b>       | <b>Test Standard</b> |
|-------------------------|--------------|-------------------|----------------------|
| [C] Density             | <b>1400</b>  | kg/m <sup>3</sup> | ISO 1183             |

[C]: CAMPUS

**Characteristics****Delivery form**

Pellets