

## Material

### PA12G 37599

**Revision Index**  
 10

**Revision Date**  
 24.04.2025

**General Data**

Colour: natural

**Physical Properties**

|  | Nominal Range | Typical Value     |
|--|---------------|-------------------|
| <b>Density</b> DIN EN ISO 1183-1, 23 °C                  | 1.03 ± 0.03   | g/cm <sup>3</sup> |
| <b>Tensile modulus</b> DIN EN ISO 527, 23 °C             | >= 1900       | MPa               |
| <b>Tensile stress at yield</b> DIN EN ISO 527, 23 °C     | >= 50.0       | MPa               |
| <b>Elongation at break</b> DIN EN ISO 527, 23 °C         | >= 40         | %                 |
| <b>Notched impact strength</b> DIN EN ISO 179/1eA, 23 °C | >= 10         | kJ/m <sup>2</sup> |
| <b>Melting Point</b> DIN EN ISO 11357-3                  | >= 185        | °C                |

**Temperature Range**

 static: -40 to 120 °C  
 static short term: up to 150 °C

The given values are based on a limited number of tests on standard test pieces (2mm sheets) produced in the laboratory. The data from finished parts can deviate from above values depending on the manufacturing process and the component geometry. The data represents our present empirical values. It is incumbent on the person placing the order to examine whether it is suitable for its intended purpose, before using the product. All questions regarding the guarantee of this product are in line with our terms and conditions, inasmuch as statutory provisions do not plan for something else.

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