

## Material PA 4201

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### Physical properties

|  | <b>typical values</b> |                   |
|--|-----------------------|-------------------|
| <b>Density</b><br>DIN EN ISO 1183-1, 23 °C                   | 1.15                  | g/cm <sup>3</sup> |
| <b>Ball indentation hardness</b><br>DIN EN ISO 2039-1, 23 °C | 119                   | MPa               |
| <b>Flexural stress</b><br>DIN EN ISO 178                     | 60                    | MPa               |
| <b>Elongation at break</b><br>DIN EN ISO 527, S2, 23 °C      | 4                     | %                 |
| <b>Tensile stress at yield</b><br>DIN EN ISO 527             | 85                    | MPa               |
| <b>Tensile modulus</b><br>DIN EN ISO 527, 23 °C, PR          | 3500                  | MPa               |
| <b>Impact strength</b><br>ISO 179/1eA, Charpy                | 7                     | kJ/m <sup>2</sup> |
| <b>Temperature range</b>                                     |                       | to 90°C           |

### Declarations of conformity

|              | <b>Country</b> | <b>Part</b> | <b>Remark</b>                                  | <b>Expires</b> | <b>unlimited</b>                    |
|--------------|----------------|-------------|--|----------------|-------------------------------------|
| RoHS conform |                |             | including EU 2011/65 and EU2015/863 (ROHS III) |                | <input checked="" type="checkbox"/> |

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### No ASTM D2000 properties available

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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