

# DSM Engineering Plastics - Property Data

## Arnite® T06 206 T

(PBT+Imod)-unfilled

| Properties                             | Typical Data    | Unit              | Test Method  |
|--|-----------------|-------------------|--------------|
| <b>MECHANICAL PROPERTIES</b>           |                 |                   |              |
| Tensile modulus                        | <b>1600</b>     | MPa               | ISO 527-1/-2 |
| Yield stress                           | <b>35</b>       | MPa               | ISO 527-1/-2 |
| Yield strain                           | <b>4</b>        | %                 | ISO 527-1/-2 |
| Nominal strain at break                | <b>40</b>       | %                 | ISO 527-1/-2 |
| Charpy impact strength (+23°C)         | <b>N</b>        | kJ/m <sup>2</sup> | ISO 179/1eU  |
| Charpy impact strength (-30°C)         | <b>N</b>        | kJ/m <sup>2</sup> | ISO 179/1eU  |
| Charpy notched impact strength (+23°C) | <b>20</b>       | kJ/m <sup>2</sup> | ISO 179/1eA  |
| Charpy notched impact strength (-30°C) | <b>12</b>       | kJ/m <sup>2</sup> | ISO 179/1eA  |
| <b>ELECTRICAL PROPERTIES</b>           |                 |                   |              |
| Volume resistivity                     | <b>&gt;1E13</b> | Ohm*m             | IEC 60093    |
| Surface resistivity                    | <b>&gt;1E15</b> | Ohm               | IEC 60093    |

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**Unlimited. DSM**

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