

Biolon



Technical Data Sheet

Intended use: Dental splinting material long-term

Manufacturer: Dreve Dentamid GmbH
Max-Planck-Straße 31
59423 Unna / Germany

Composition:

Pos	Chemical term
1	Polyethylene terephthalate (PETG)

Physical properties::

Colour: clear

Thickness

0.5 mm	± 0.1 mm
0.75 mm	± 0.1 mm
0.625 mm	± 0.1 mm
1.0 mm	± 0.1 mm
1.5 mm	± 0.1 mm
2.0 mm	± 0.1 mm
3.0 mm	± 0.1 mm

Diameter: 1.27 g/cm³ ISO 1183-1

Elongation at break: > 35 % ISO 527-2/1B/50

E-module: 2020 MPa ISO 527-2/1B/1

Rockwell-hardness: R104 - 117 ASTM D785

Tensile strenght: 45 MPa ISO 527-2/1B/50

Humidity absorption: 0.2% 24 hrs. at± 23°C / 3 mm

Temperature area: -40°C - +65°C

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These data result from measurements which are executed from time to time in view of our quality management system. This document is valid without any signature.

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