



## Technical Data Sheet

**Intended use:** Dental thermoforming foil for the production of occlusal splints

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

**Composition:**

Pos	Chemical Denomination
1	polyethylene terephthalate (PETG)

**Physical Properties:**

**Colour:** clear transparent

**Foil thickness:** 0.5 mm ± 0.1 mm  
0.625 mm ± 0.1 mm  
0.75 mm ± 0.1 mm  
1.0 mm ± 0.1 mm  
1.5 mm ± 0.15 mm  
2.0 mm ± 0.2 mm  
3.0 mm ± 0.3 mm

**Diameter:** Ø 120mm (special sizes according to demand)

**Density:** 1.27 g/cm<sup>3</sup> ISO 1183-1

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

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

**Rockwell- hardness:** R104 – 107 ASTM D785

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

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

**Temperature area:** -40 °C - +65 °C

**Characteristics:**

Biolon bonds with acrylate.

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