

Biolon



Technical Data Sheet

Product Description: Dental thermoforming foil for the production of occlusal splints

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Composition:

Pos	Chemical Denomination
1	polyethylene terephthalate (PETG)

Physical Properties:

Colour: clear transparent
Foil thickness: 0.5mm, 0.625mm, 0.75mm, 1.00mm, 1.5mm, 2.00mm, 3.00mm
Diameter: Ø 120mm (special sizes according to demand)
Density: 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 - 107 ASTM D785
Tensile Strength: 45 MPa ISO 527-2/1B/50
Humidity absorption: 0.2% 24 hrs. at 23°C / 3mm
Temperature area: -40°C ± 65°C

Characteristics:

Biolon bonds with acrylate.