

# Kombiplast



## Technical Data Sheet

Product description: Dental thermo-forming foil for the production of functional splints

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

Composition:

Pos	Chemical term
1	Polyethylene terephthalate
2	Ethylene and vinylacetate-copolymer

Properties:

Colour: transparent  
Foil thickness: 2.0, 3.0 and 4.0 mm  
Diameter: 120 mm (special sizes on desire)

	Hard part	Soft part	According to norm
Density	1.27 g/cm <sup>3</sup>	0.95 g/cm <sup>3</sup>	DIN 53479
Tensile strength	45 MPa	33 MPa	DIN 53455
Elongation at break	200 %	850 %	DIN 53455
E-Module	2020 MPa	20 MPa	DIN 53457
Vicat point	80° C	50° C	DIN ISO 306
Melting temp.	160° C	72° C	DIN 63736
Shrinkage	0.4 %	2 %	DIN ISO 1567
Shore hardness	76 Shore D	82 Shore A	DIN 53505
Water consumption	0.2 %	0.2 %	DIN ISO 1567

If handled appropriately no harmful effects have been noted.

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.

Dreve Dentamid GmbH  
Max-Planck-Str. 31  
59423 Unna / Germany  
Tel.: 02303 / 8807-0  
Fax: 02303 / 8807-55

[info@dreve.de](mailto:info@dreve.de)

[www.dreve.com](http://www.dreve.com)

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