

Intended use: Methacrylic-based material for DLP systems  
with 385 nm LED for production of dental splints

## Technical data

### Characteristics

Colour	clear transparent
Density	approx. 1.05 g/cm <sup>3</sup>
Viscosity (73 °F)	0.5 ± 0.1 Pa s

### Composition

1	Acrylate
2	Methacrylate
3	Photoinitiators
4	Inhibitors
5	Pigments

### Cured material

Flexural modulus	≥ 1500 MPa
Flexural strength	≥ 60 MPa
Elongation at break	≥ 12 %

These data are typical values. They were determined under usage of Dreve-Styles with 385 nm LED. The above-mentioned mechanical characteristics depend on the used build-styles and build parameters of the machine, the cleaning and drying of the parts and the characteristics of the post-curing unit. Deviations from the manufacturing process may lead to other mechanical characteristics and colour variations. Subject to change. FotoDent® splint is suitable for the manufacture of dental splints.

Our products are subject to constant development. We reserve all rights to change material characteristics, also without prior notification.

These data were determined from measurements carried out in line with our QM-System.  
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