

Purpose: Material based on methacrylate resin for DLP systems with 385 nm LED for the manufacturing of dental gingival masks.

Technical data

Characteristics

Colour	pink
Density	approx. 1.1 g/cm ³
Viscosity (73 °F)	approx. 2 Pa s

Composition

1	Methacrylate
2	Urethane acrylate
3	Initiators
4	Pigments
5	Pyrogenic silicic acid

Cured material

Post curing time using FotoDent® Flash	10 min
Tensile strength	> 2.5 MPa
Tensile strain	> 40 %
Shore A hardness (73 °F)	approx. 70

These data are typical values. They were determined under usage of Dreve-Styles for 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® gingiva is suitable for the manufacture of dental gingiva masks.

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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