

3Delta



3Delta Crown

Description

3Delta Crown is a light-curing composite material in various shades for the additive fabrication of anterior and posterior restorations. The material has been optimized for Rapidshape® DLP® systems of the D series with a wavelength of 385 nm for layer thicknesses of 100 µm. 3Delta Crown meets the requirements of DIN EN ISO 10477.

Indications

Additive manufacturing of anterior and posterior restorations, e.g. single tooth crowns, veneers, inlays, onlays.

Composition

Preparation of acrylates, fillers, initiators and pigments.
Filler content: 50% by weight.

Available Shades

A1, A2, A3, A3.5, B1, C1, Bleach

Medical Device Class

- Class IIa [EU]
- Class 2 [US]

Storage conditions

Protect from exposure to light. Store between 4°C and 25°C.
Keep container tightly closed. Shelf life: 24 months.

Physical properties	Requirement*
Flexural strength	≥ 50 MPa
Flexural Modulus	n.a.
Water absorption	≤ 40 µg/mm ³
Solubility	≤ 7,5 µg/mm ³
Compressive strength	> 300 MPa
Viscosity	n.a.

* acc. to DIN EN ISO 10477

Delivery Units

Product name	REF 500g	REF 1000g
3Delta Crown A1	1611110	1611210
3Delta Crown A2	1611120	1611220
3Delta Crown A3	1611130	1611230
3Delta Crown A3.5	1611135	1611235
3Delta Crown B1	1611155	1611255
3Delta Crown C1	1611160	1611260
3Delta Crown Bleach	1611150	1611250

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