

RS Model II

Application

Light-curing acrylate resin for use in additive manufacturing of dental models. The product is optimised for DLP-systems with operational wavelengths from 385 to 405 nm.

Composition

Acrylates, organic fillers, photoinitiator, pigments.

Delivery unit

- 1000 g in plastic bottle
- 5000 g in plastic canister

Storage conditions

Storage at 4 – 25 °C; protect from heat and sunlight.

Shelf life

- 2 years at the abovementioned conditions
- Higher temperatures over a longer period of time may effect shelf life.



Product specifications

Parameter	Value	Test method
Colour	beige	colour measurement (L*-a*-b)
Viscosity (23 °C)	< 2,5 Pa*s	rheometer
Viscosity (28 °C)	< 1,5 Pa*s	rheometer
Depth of cure (3 s)	> 100 µm	curing test
Depth of cure (12 s)	< 450 µm	curing test
Modulus of elasticity	> 2000 MPa	bending test, 3-point
Flexural strength	> 75 MPa	bending test, 3-point