

Castdon



Technical Data Sheet

Product description: Dental denture resin for the production of total and partial dentures.

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

Composition:

Pos	Chemical term Polymer
1	Copolymer of polymethylmethacrylate
2	benzoperoxide
3	Barbituric acid derivate
4	Colour pigments

Pos	Chemical term Monomer
1	Methyl methacrylate
2	1.4-butandiolmethacrylate
3	stabiliser (hydroquinone)
4	quaternery ammonium compound
5	Copper accelerator

Properties:

Bending resistance: approx. 85 N/mm² (according to DIN EN ISO 20795-1)
E-Module: approx. 2500 N/mm² (according to DIN EN ISO 20795-1)
Vickers hardness: approx. 16KP/mm² (according to DIN EN ISO 6507-1)
Beat resistance: 4 Kj/mm² (according to DIN EN ISO 53435)
Shrinkage: 5.7 %
Rest monomer content: 12 mg/g after 48 hours in 37°C warm water
Rest monomer content: 6 mg/g after 28 days in 37°C warm water

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