

Odontosil 60



Technical Data Sheet

Product description: Addition-vulcanising silicone for the production of orthodontic elasto-positioners.

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

Composition:

Pos	Chemical term
1	Vinyl polydemethylsiloxane
2	VQM-resins
3	platinum catalyst
4	methylhydrogensiloxane
5	silicon dioxide

Properties:

Colour: clear-transparent

Consistency: Type 2 (acc. to ISO 4823)

Hardness: 60 ± 3 Shore A (after 120 min)

Processing time: ≥ 5 min

Deflasking time: ≥ 32 min (at 23°C incl. processing time)

Hardness at deflasking: ≥ 30 Shore A

Tensile strength: > 5 MPa (acc. to DIN 53504)

Tear resistance: > 17 N/mm (acc. to DIN ISO 34-1)

Recovery from deformation: > 99.5% (acc. to ISO 4823)

Strain in compression: < 4.0 % (acc. to ISO 4823)

These data result from measurements which are executed from time to time in view of our quality management system. this document is valid without any signature.

Dreve Dentamid GmbH
Max-Planck-Str. 31
59423 Unna / Germany
Tel.: 02303 / 8807-0
Fax: 02303 / 8807-55
dentamid@dreve.de
www.dentamid.dreve.de