

Odontosil 50



Technical Data Sheet

Intended use: Addition curing silicone for the production of orthodontic elasto-positioners

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

Composition:

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

Properties:

Colour: clear-transparent

Consistency: Type 2 (acc. to ISO 4823)

Hardness: 50 ± 3 Shore A (after 120 min)

Processing time: ≥ 5 min

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

Hardness at deflasking: 30 ± 2 Shore A

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

Tear resistance: > 15 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)

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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.

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