

Technical Data Sheet

Intended use: A-silicone for the production of earmolds

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

Composition:

| Pos | Chemical classification |
|-----|---------------------------------------|
| 1 | Polydimethylsiloxane containing vinyl |
| 2 | Silicic acid |
| 3 | Filling means |
| 4 | Pigments |

Color: several

Final hardness: 25 ± 3 Shore A (according to DIN ISO 48-4)
40 ± 5 Shore A
60 ± 5 Shore A

Processing time: 2 min 45 sec ± 45 sec at 23°C

Deflasking time: 15 min ± 5 min at 23°C

Consistency: medium-bodied - Type 2 (according to DIN EN ISO 4823)

Elastic recovery: > 99,8 % (according to DIN EN ISO 4823)

Strain in compression: 25 Shore A: 8,5 % ± 0,5 (according to DIN EN ISO 4823)
40 Shore A: 7,5 % ± 0,5
60 Shore A: 7,5 % ± 0,5

Linear dimensional change: < 0,2 % (according to DIN EN ISO 4823)

Elongation at break: 25 Shore A: ≥ 300 % (according to DIN 53504)
40 Shore A: ≥ 300 %
60 Shore A: ≥ 200 %

Tensile strength: 25 Shore A: ≥ 2,8 MPa (according to DIN 53504)
40 Shore A: ≥ 5,0 MPa
60 Shore A: ≥ 6,0 MPa

Tear strength: 25 Shore A: ≥ 13,0 N/mm (according to DIN ISO 34-1)
40 Shore A: ≥ 20,0 N/mm
60 Shore A: ≥ 20,0 N/mm

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