SILITECH

SILISIL RTV MF-Ultra 45

Technical product information · 10.11.2026

Addition-curing silicone for mould making.

Typical technical values

Mixing ratio	1:1 by weight
Colour	Translucent
Viscosity of the mixture	8’500 mPa·s
Density at 23 °C	1,11 g/cm³
Working time at 23 °C	12 min
Setting time at 23 °C	150 min
Hardness after 24 h at 23 °C	43 Shore A
Tensile strength	5 N/mm²
Elongation at break	250 %
Tear strength	15 N/mm (Die B)

Processing

Weigh the matching components and mix thoroughly, including the sides and bottom of the container. Use clean, dry mixing equipment. Working time and setting time start when the components are combined and refer to 23 °C. Higher or lower temperatures change the process.

Notes

Read the safety data sheets for all components before processing. Close containers after use.

The figures are typical technical values. Unless otherwise indicated in the table, mechanical properties refer to material vulcanised for 24 hours at 23 °C. Verify suitability for the intended application in preliminary trials.