

:: SILICONE RUBBER HIGH TEMP RED A+B

Description:

Is a 2-component polycondensation curing, elastic, self-demoulding rubber material based on silicone that reacts after the addition of hardener. This rubber has an increased temperature resistance (250°C and briefly up to 300°C). Available in 1 kg packs.

Application:

For the manufacture of negative moulds with a simple design with light incisions. Is liquid and can be poured easily. You can pour in liquid tin or lead. After curing, can be used at -55 to +300°C.

Data on delivery:

	<u>A-Comp</u>	<u>B-Comp</u>
Color:	red	colourless
Viscosity:	12,500 mPas	20 mPas
Mass density:	approx. 1.40 gr/cm ³	approx. 1.04 gr/cm ³
Shelf life:	9 months in closed packaging	6 months in closed packaging
Consistency:	liquid	liquid

Technical data: (A + B)

Consumption:	depending on application
Shore:	A:60

Processing:

The rubber base must be thoroughly mixed before use. Mix 2.5% by weight of the B-component under the A-component. Potlife: Approx. 80 min. at 20°C. Brush out a first layer. This ensures a finer reproduction of all details. Then pour the remaining layer on top. Cured after 8 hours. Minimum wall thickness 10 mm. If you are unsure of the substrate, it is best to make a test piece first or use Trennspray release agent.

During the wet-moulding process, 25°C should be applied per hour, depending on the thickness of the layer. A baking temperature during 2 to 4 hours of 50°C above the desired application temperature is recommended.

Additional technical data:

DIN 53 504 S3A	Tensile Strength,	4 N/mm ²
Din 53 504 S3A	elongation at break	80%
ASTM D 624	resistance to tearing	4 N/mm ²

Safety:

Always provide appropriate protective clothing and gloves. Harder is irritating to the eyes and skin, and flammable. Cleaning agent for tools: cleaner M (environmentally friendly substitute for acetone).

The information on this page concerns technical instructions and has been compiled to the best of our knowledge. However, it shall not constitute grounds for any liability on our part.