

:: SILICONE RUBBER HIGH TEMP BLUE ZA 50

Description:

Is a blue coloured 2 component polyaddition curing silicone moulding rubber that is highly elastic and self-demoulding. This rubber has a high tear resistance and good chemical resistance. Can be used on all surfaces except glass or ceramics. In these moulds, you can cast form pieces with UP - EP - PU or zellane. Available in 1+1 kg, 5+5 kg and 25+25 kg packaging.

Application:

For the manufacture of elastic negative moulds with difficult design and very deep cuts. Can be poured easily. Low shrinkage. Already demouldable after 3 hours. Resistant to temperatures between -40°C and +250°C.

Data on delivery:

| | <u>A-Comp</u> | <u>B-Comp</u> |
|---------------|---------------------------------|--------------------------------|
| Color: | Blue | white |
| Viscosity: | 20,000 mPas | 20,000 mPas |
| Mass density: | approx. 1.22 gr/cm ³ | approx. 1.22 g/cm ³ |
| Shelf life: | 18 months in closed packaging | 18 months in closed packaging |
| Consistency: | liquid | liquid |

Technical data: (A + B)

| | |
|--------------|-----------|
| Consumption: | 1,22 g/cc |
| Shore: | A: 50 |

Processing:

Always ensure a dry and grease-free surface.

Mix both components in a 1:1 weight ratio. Then pour the mixed rubber over the object. Potlife: approx. 15-20 min. at 23°C. De-cured after 3 hours.

Fully cured after 24 hours. Minimum wall thickness 10 mm. Has an elongation of 320%. Crack resistance: +-10 N/mm. If you have any doubts about the substrate, it is best to make a test piece or to use release agent Trennspray. Be careful with plasticine based on phosphor and sulphur.

Safety:

Always provide appropriate protective clothing and gloves. Cleaning agent for tools: cleaner M (environmentally friendly alternative to 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.