

CHT KÖRAFORM A 60

Low-shrink platinum silicone for moulds and rubber parts

**10:1**

Mix ratio (weight)

30 min

Pot life

12 h

Demould time at 23 °C

60

Hardness (Shore A)

DESCRIPTION

Pourable two-component addition-cure (platinum) silicone that cures at room temperature within 24 hours into a beige rubber; heat accelerates the cure. For reproducing master patterns (including stereolithography), damping elements, rubber parts and printing rollers.



VIEW ONLINE

Scan the QR code or [click here](#) for prices, pack sizes and the SDS.

FEATURES

- ✓ Mix ratio 10:1 by weight
- ✓ Nearly shrink-free: linear shrinkage < 0.1 %
- ✓ Shore A 60: firm and dimensionally stable
- ✓ Platinum catalyst is in part A

TECHNICAL DATA

Property	Unit	Value
Colour A / B	–	Beige / colourless ¹
Cure type	–	Addition
Density A / B (BS ISO 2781)	g/cm ³	1.35 / 0.97
Mix ratio (weight)	A:B	10:1
Viscosity A / B (Brookfield)	mPa·s	64,000 / 600
Pot life at 23 °C	min	30
Demould / full cure at 23 °C	h	12
Colour after curing	–	Beige
Density cured (BS ISO 2781)	g/cm ³	1.35
Hardness (DIN 53505)	Shore A	60
Tensile strength (ISO 37)	N/mm ²	4.5
Elongation at break (ISO 37)	%	140
Tear strength (BS ISO 34-1)	N/mm	5
Linear shrinkage	%	< 0.1
Shelf life at 5–30 °C	months	12

Typical values. Not intended for use in preparing specifications. ¹ Colour of B according to the safety data sheet.

PROCESSING

Stir A and B well. Weigh 10:1 into a clean container of about three times the volume and mix until the colour is uniform. Degas intermittently at 30–50 mbar for 5–10 minutes and cast. Use A and B from the same lot.

CURING

Mix at 15–25 °C. Chilling extends pot life; heat accelerates the cure. The catalyst is in A: purge dispensing equipment thoroughly.

CURE INHIBITION

Nitrogen, sulphur and tin compounds, PVC stabilisers, epoxy hardeners, modelling clays and condensation silicones inhibit the cure.

STORAGE

Do not seal B hermetically; store only with a degassing valve, as B can release hydrogen.

SAFETY



A and B: H412, no pictogram. According to the SDS, wear goggles, gloves and protective clothing, and respiratory protection if ventilation is inadequate. **Consult the safety data sheet for full information.**