TECHNICAL DATA SHEET



Value

Beige

12 hrs

1.40

1.04

Brookfield HBTD 7000 cP

Brookfield HBTD 6500 cP

Brookfield HBTD 20 cP

100:2.5

130 mins

Colourless to

Condensation

yellowish

KÖRAFORM K 70 2 part casting compound

Color B

Cure Type

23°C/73°F

Density A

Density B

Viscosity A

Viscosity B

Viscosity Mixed

Cured Product

Mix Ratio By Weight

Pot Life mins at 23°C/73°F

De-mould Time / Full Cure at

Property Description Low viscosity, condensation crosslinking silicone casting **Uncured Product** compound Color A

Key Features

- Low viscosity
- High hardness (Shore A)
- Convincing by reproduction exactness and drawing exactness of the moulding
- Moulding of simple geometric parts

Application

Moulding of simple geometric parts

Use and Cure Information

Prior to processing stir well KÖRAFORM K 70 to distribute homogeneously the perhaps deposited fillers. To KÖRAFORM K 70 add KÖRAFORM B 132 at a mixing ratio of 100: 2.5 according to weight and mix with a spatula or a mixer until the compound is homogeneous. With the mixing process the potlife during which KÖRAFROM K 70 is to be processed (casting or painting with a brush). The demoulding can be done after 12 hours. For an absolutely bubble-free vulcanisate the mixed silicone has to be degassed using vacuum (max. 5 minutes at 10 - 20 mbar). To adapt potlife and demoulding to the processing conditions there are further components B (hardening agents) to choose. In case of moulding on difficult supports, e.g. glass the demoulding behaviour has to be checked in tests by yourself. A silicone free demoulding agent has to be applied in case of need.

Solvents and cleaning agents

For removing fresh mass KÖRASOLV GL must be applied. Residues in the stirring or casting vessel can be easily removed by letting them cure in order to scrape them off afterwards.

Storage

Stored at temperatures between 5 °C and 30 °C in tightly closed original containers KÖRAFORM K 70 can be processed at best for at least nine months (stir well before use)

Stored in tightly closed original containers at temperatures between 5 °C and 30 °C KÖRAFORM B 132 can be optimally processed for at least six months.

Standard climate DIN 50 014 - 23/50-2. Vulcanizate tested after 7 days at room temperature		
Color		Beige
Elongation at Break	DIN 53 504, S 3 A	80 %
Hardness Shore A Linear Shrinkage (%)	DIN 53 505	63 0.5 %
Tear Resistance (N/mm)	ASTM D 624, Die B	4.0 N/mm / 23 ppi
Tensile Strength	DIN 53 504, S 3 A	4.0 N/mm2 / 580 psi
Storage		

Test Method

DIN 53 479

DIN 53 479

Max Storage Temperature 30 °C / 86 °F 5 °C / 41 °F Min Storage Temperature Shelf Life 9 mths

Health & Safety

Safety

Please observe our safety data sheets and the safety remarks on our container labels when handling our products. The dangerous goods regulations and the accident prevention regulations of the professional associations must be particularly observed. Keep the safety data sheet of the applied product at hand since it provides you with useful instructions for the safe use and disposal of the product as well as for actions to be taken in case of accidents.

Delivery units

KÖRAFORM K 70: 10 kg pail KÖRAFORM B 132: 0.5 kg PE bottle

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