TECHNICAL DATA SHEET



KÖRAFORM K 70 2 part casting compound

Droperty

Density A

Density B

Viscosity A Viscosity B

Mix Ratio By Weight

Pot Life mins at 23°C/73°F

riopeity	rest Method	value
Uncured Product		
Color A		Beige
Color B		Colourless to yellowish
Cure Type		Condensation
De-mould Time / Full Cure at 23°C/73°F	t	12 hrs
	Uncured Product Color A Color B Cure Type De-mould Time / Full Cure at	Uncured Product Color A Color B Cure Type De-mould Time / Full Cure at

iviouiding of simple geometric parts

Application

Description

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

Safety

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).

at least six months.

Health & Safety
between 5 °C and 30 °C KÖRAFORM B 132 can be optimally processed for
Stored in tightly closed original containers at temperatures

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

Revision Date 16 Jan 2024

Revision No

Download Date 25 Apr 2024

Cured Product

Viscosity Mixed

Standard climate DIN 50 014 - 23/50-2. Vulcanizate tested after 7 days at room temperature

Tast Mathod

DIN 53 479

DIN 53 479

Value

1.40

1.04

Brookfield HBTD 7000 cP

Brookfield HBTD 6500 cP

Brookfield HBTD 20 cP

100:2.5

130 mins

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 Strenath	DIN 53 504, S 3	4.0 N/mm2 / 580 psi

Storage

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

The content set out in the technical data sheet does not contain information upon which you should rely. It is provided for general information purposes only and does not constitute a product specification. You must obtain professional or specialist advice before taking any action based on the information provided in the technical data sheet.

CHT make reasonable efforts to ensure that information set out in the technical data sheet is complete, accurate, and up-to-date. CHT do not, however, make any representations, warranties or guarantees (whether express or implied) that information set out in the technical data sheet is complete, accurate, or up-to-date or that the product will be suitable for your requirements. You should carry out your own testing to determine the applicability of such information and whether the product will be suitable. CHT reserve the right to modify the technical data sheet at any time. The CHT technical service department is available to offer further information and advice and should it be needed to look at modifying current products or custom formulate a new one to meet your specific requirements. Please contact the technical service department.