

KÖRAFORM K 70 2 part casting compound

Description	Property	Test Method	Value
Low viscosity, condensation crosslinking silicone casting compound	Uncured Product		
Key Features	Color A		Beige
<ul style="list-style-type: none"> Low viscosity High hardness (Shore A) Convincing by reproduction exactness and drawing exactness of the moulding Moulding of simple geometric parts 	Color B		Colourless to yellowish
Application	Cure Type		Condensation
Moulding of simple geometric parts	De-mould Time / Full Cure at 23°C/73°F		12 hrs
Use and Cure Information	Density A	DIN 53 479	1.40
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 KÖRAFORM 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.	Density B	DIN 53 479	1.04
	Mix Ratio By Weight		100 : 2.5
	Pot Life mins at 23°C/73°F		130 mins
	Viscosity A	Brookfield HBTD	7000 cP
	Viscosity B	Brookfield HBTD	20 cP
	Viscosity Mixed	Brookfield HBTD	6500 cP
	Cured Product		
	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	DIN 53 505	63
	Linear Shrinkage (%)		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		
	Max Storage Temperature		30 °C / 86 °F
	Min Storage Temperature		5 °C / 41 °F
	Shelf Life		9 mths
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.			
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			
Revision Date	29 Apr 2021		
Revision No	1		
Download Date	16 May 2022		

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.

CHT Germany GmbH: Postfach 12 80, 72002 Tübingen, Bismarckstraße 102, 72072 Tübingen, Germany
Telephone: 07071/154-0, Fax: 07071/154-290, Email: info@cht.com, Homepage: www.cht.com / www.cht-silicones.com