

## KÖRAFORM K 70 2 part casting compound

Description	Property	Test Method	Value
Low viscosity, condensation crosslinking silicone casting compound	<b>Uncured Product</b>		
<b>Key Features</b>	Color A		Beige
<ul style="list-style-type: none"> <li>Low viscosity</li> <li>High hardness (Shore A)</li> <li>Convincing by reproduction exactness and drawing exactness of the moulding</li> <li>Moulding of simple geometric parts</li> </ul>	Color B		Colourless to yellowish
<b>Application</b>	Cure Type		Condensation
Moulding of simple geometric parts	De-mould Time / Full Cure at 23°C/73°F		12 hrs
<b>Use and Cure Information</b>	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
	<b>Cured Product</b>		
	<b>Standard climate DIN 50 014 - 23/50-2. Vulcanizate tested after 7 days at room temperature</b>		
	Color		Beige
	Elongation at Break	DIN 53 504, S 3 A	80 %
	Hardness Shore A	DIN 53 505	63
	Linear Shrinkage (%)		0.5 %
<b>Solvents and cleaning agents</b>	Tear Resistance (N/mm)	ASTM D 624, Die B	4.0 N/mm / 23 ppi
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.	Tensile Strength	DIN 53 504, S 3 A	4.0 N/mm <sup>2</sup> / 580 psi
<b>Storage</b>	<b>Storage</b>		
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).	Max Storage Temperature		30 °C / 86 °F
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.	Min Storage Temperature		5 °C / 41 °F
	Shelf Life		9 mths
<b>Health &amp; Safety</b>			
<b>Safety</b>			
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.			
<b>Delivery units</b>			
KÖRAFORM K 70: 10 kg pail KÖRAFORM B 132: 0.5 kg PE bottle			
Revision Date	16 Jan 2024		
Revision No	2		
Download Date	25 Apr 2024		