KÖRAFORM 97036 A

Characterization

Condensation crosslinking silicone casting compound for pad printing, shore A 12

Technical Data

	KÖRAFORM 97036 A component A	KÖRAFORM B 128 K component B		
Colour	white	colourless		
Viscosity	12.000	14	mPa·s	Brookfield HBTD [1])
Density	-	0.99	g/cm³	DIN 53 479 [1])
	Mixture			
Mixing ratio	100 : 3		according to weight	
Mixing viscosity	11.000			
Potlife	60		min	
Demouldable after	24		hours	
	Vulcanizate			
Hardness shore A	12			DIN 53 505 [2])
Tensile strength	not stated		N/mm²	DIN 53 504 S 3 A [2])
Elongation at break	not stated		%	DIN 53 504 S 3 A [2])
Res. to further tearing	not stated		N/mm	ASTM D 624 Form B[2])
Linear shrinkage	0.5		%	after 7 days

[1] = Measured under standard climate DIN 50 014-23/50-2
[2] = Vulcanizate, measured after 7 days of storage at room temperature

Storage / Storability

KÖRAFORM 97036 A can be optimally processed for at least six months if being stored at 5 °C – 30 °C in tightly closed original containers.

KÖRAFORM B 128 K can be optimally processed for at least six months if being stored at 5 °C – 30 °C in tightly closed original containers.

The above given values are product describing data. Please consult the 'delivery specification' for binding product specifications. Further data about product properties, toxicological, ecological data as well as data relevant to safety can be found in the safety data sheet.

Application Technique

Properties

Prior to processing thoroughly stir up KÖRAFORM 97036 A to distribute homogeneously possibly deposited fillers. To the KÖRAFORM 97036 A the component KÖRAFORM B 128 K is added at a mixing ratio of 100 : 3 according to weight and then mixed with a spatula or stirrer until the compound is homogeneous.

With this mixing the potlife of 60 min starts where KÖRAFORM 97036 A must be processed (casting or brushing). Demoulding can be effected after 24 hours.

For an absolutely bubble-free vulcanizate the mixed silicone gel must be degassed using vacuum prior to the casting process (5 min at the most at 10 – 20 mbar).
The viscosity can be increased up to strength by adding up to 1 weight per cent KÖRAFORM TM C to the catalyzed compound.
When casting critical grounds, e.g. glass, check the release behaviour with your own trials. A silicone-free release agent may habe to be applied.

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.

Safety

Please observe our EC 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 EC 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.

We reserve the right to modify the product and technical leaflet.

Our department for applied technique is always at your service for further information and advice.

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