

## ALPA-MEGAPLAST

### Characterisation

Silicone elastomer consisting of two components

### Technical Data

	<b>ALPA-MEGAPLAST KOMP. A</b> Component A	<b>ALPA-MEGAPLAST KOMP. B</b> Component B		
Aspect	Paste	Paste		
Colour	White	Skin coloured		
Viscosity	Approx. 200	Approx. 200	mPa·s	Brookfield HBTD <sup>1)</sup>
Density	1.5	1.5	g/cm <sup>3</sup>	DIN 53 479 <sup>1)</sup>
	<b>Mixture</b>			
Mixing ratio	100 : 100		acc. to weight	
Viscosity	-		mPa·s	Brookfield HBTD <sup>1)</sup>
Potlife	2		minutes	<sup>1)</sup>
Demouldable after	5		minutes	<sup>1)</sup>
	<b>Vulcanisate after 24 hours</b>			
Hardness Shore A	Approx. 35			DIN 53 505 <sup>2)</sup>
Tear resistance	not defined		Mpa	
Tensile strength	not defined		Mpa	
Elongation at break	not defined		%	DIN 53 504 S 3 A <sup>2)</sup>
Tear propagation resistance	not defined		N/mm	ASTM D 624 Form B <sup>2)</sup>
Density at 23 °C	not defined		g/ccm	
Shrinkage	not defined			
<b>The platinum catalyst is contained in component A</b>				
<sup>1</sup> = measured under standard climate DIN 50 014-23/50-2				
<sup>2</sup> = vulcanisate, measured after storage of 14 days under standard climate DIN 50 014-23/50-2				

### Shelf Life

If stored properly, components A and B will hold for 12 months. The products have to be stored in closed original containers at temperatures below 30 °C and protected from frost.

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.

### Properties

- Crosslinks at temperatures >23 °C
- High-grade mechanical properties

- Low shrinkage
  - No release of toxic substances neither during nor after vulcanisation.
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## **Application Technology**

### **Application Fields**

This product is a special development for reproductions in podiatric laboratories.

### **Special Remarks**

The data given in this technical leaflet result from our experience. They correspond with the best of our knowledge and serve for advising our customers. However, they are not binding. Please observe the trademark rights of third parties.

### **Safety**

When handling ALPA-MEGAPLAST the generally valid working safety regulations must be observed.

### **Delivery Units**

Component A: 1.0 kg or 5.0 kg  
Component B: 1.0 kg or 5.0 kg

Other sizes on demand

**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.**

Our technical advice and recommendations given verbally, in writing or by trials are believed to be correct. They are neither binding with regard to possible rights of third parties nor do they exempt you from your task of examining the suitability of our products for the intended use. We cannot accept any responsibility for application and processing methods which are beyond our control.

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