ALPA-NEOPLAST

Character

Addition crosslinking two component silicone rubber which vulcanizes at room temperature

Technical Data

	ALPA NEOPLAST KOMP. A Component A	ALPA NEOPLAST KOMP. B Component B		
Colour	Blue			
Mixture				
Mixing ratio	1 : 1		Acc. To weight	
Density	-		g/cm³	DIN 53 479 1)
Viscosity	-		mPa·s	Brookfield HBTD [1])
Vulcanisate				
Hardness Shore A	85			
Tensile strength				DIN 53 505 [2])
Elongation at break	-		N/mm²	
Resistance to further tearing	-		%	DIN 53 504 S 3 A 2)
Linear shrinkage	-		N/mm	DIN 53 504 S 3 A 2)
After 7 days	-		%	
Pot life	1'20		min	
Demoulding time	6 - 7		min	ASTM D 624 Form B2)
The platinum catalyst is contained in component A				
[1] = measured under standard climate DIN 50 014-23/50-2 [2] = vulcanisate, measured after 14 days of storage under standard climate DIN 50 014-23/50-2				

Storability / Storage

If stored properly, components A and B will hold for 12 months.
The products must only be stored in closed original containers 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

- Simple processing

Application Technique

Application Fields

For use in the dental field.

Processing

100 parts ALPA-NEOPLAST A are added to 100 parts of ALPA-NEOPLAST B. Mix thoroughly in a clean vessel until a uniform colour is achieved. Stir carefully to prevent the formation of air bubbles. We recommend the use of a dosing automat. Pour onto the original mould and remove after approx. 10 minutes.

Attention:

Mixing may only be done in clean containers made of stainless steel or plastic. Crosslinkage, polyaddition reaction, can be delayed or prevented through contact with the following substances:

- Heavy metal salts
- Heavy metals
- Amines
- Sulphur and sulphur derivatives
- Catalysts of epoxy resins

Instructions for the Users

CHT R. BEITLICH GmbH, works Geretsried, guarantees that its products correspond with the current sales specifications which are available upon request.

The data given in this technical leaflet are based on our current knowledge about the product. Since the use and processing of the products cannot be controlled by CHT Germany GmbH, works Geretsried, we do not furnish a guarantee for their use with regard to certain application fields.

The given data must never replace pre-trials which are indispensable for guaranteeing the product suitability for each individual case. As the user has the responsibility of determining the product suitability for his personal application field, he ought to check each use thoroughly and independent of proper results prior to using the product. The recommendation for use must not be seen as invitation to violate any patent rights.

Safety

When handling ALPA-NEOPLAST the generally valid working safety regulations must be observed. Please also take note of the material safety data sheet for ALPA-NEOPLAST Comp. A + B.

Delivery Units

Delivery sizes on request

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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