

## MX9600-20A/B

MX9600-20 A/B is a particular kind of 1:1 two-component liquid silicone material with high heat resistance and fire resistance.

### Characteristic

Selective follow  
 high strength  
 Rapid vulcanization  
 Heat resistance  
 Flame resistance

### Product application

MX9600-20 A/B is a low hardness silicone rubber with high heat resistance and fire resistance. It can eliminate the static electricity, even can be as semiconductor; It is widely used in: automobile, 3C Electronics, Mobile phone protective case

### Basic performance

The following values are not used as specifications, but only as reference indicators. If you need to use them as specifications, please contact Musen silicone sales office.

Nature	Unit	Test method	MX9600-20 A/B	
			First-cure (130 °C*10min)	Post-cure (200 °C*4H)
Appearance	Yellow			
Proportion	g/cm <sup>3</sup>	JIS K6268	1.172	1.175
Viscosity	10 <sup>4</sup> *mPa·s	JIS K7117-2B	A:1900 / B: 1800	
Hardness	Shore A	JIS K6253	24	28
Tensile strength	MPa	JIS K6251	8.1	7.0
Tensile elongation	%	JIS K6251	950	852
Tear strength	KN/m	JIS 6252	17	27
Temperature resistance	°C	/	-60~230	
Shrinkage	%	JIS K6249	2.3	2.5
Flame resistance	/	UL-94	V0	V0

### Description:

MX9600-20 A/B liquid silicone rubber has excellent performance with high heat resistance and fire resistance; It can be used in the occasion with high temperature and needing for flame resistance.

### Usage

A:B two components are mixed in the ratio of 1:1. In order to ensure their best properties, components a and B must be fully mixed. If the mixing is insufficient, it may cause incomplete curing or weakening of physical properties.

The raw materials can be directly extracted into the mixing chamber by automatic metering mixing equipment for mixing. Some applications are sensitive to air. At this time, venting in the mold or using vacuum auxiliary equipment will be helpful.

## **Clean**

Silicone rubber without curing reaction can be cleaned with hydrocarbon solvent, while polar solvents such as ketones and alcohol are not suitable.

## **Solidification**

MX9600-20 A/B can be cured quickly at a suitable temperature. The curing time is related to the thickness of the product and the actual temperature. If you come into contact with compounds containing amino, sulfur and base tin, you may not be able to cure.

## **Operation time**

It contains special additives. Please use it as soon as possible after mixing component A and component B.

## **Product safety message**

Please contact the sales representative of MUSON to obtain the relevant material safety data sheet, and please read the material safety data and product identification label carefully before using the product to prevent harm to yourself and the environment.

## **Storage and shelf life**

Please store it in a sealed environment with the temperature below 35 °C. Please refer to the service life of the label on the outer package of the product.

When the use date has exceeded the service life of the logo, it does not mean that the product is unusable. It is determined according to the actual situation of the product.

## **Use restrictions**

This product has not been tested and can be used for medical or medicinal purposes.

## **Limited warranty message**

The information provided in this document is honest and accurate. However, since the conditions and methods of actual use of the product are beyond our control, the tests conducted by the customer for end use are not covered by this information.

Mosen's only guarantee is that our products meet the requirements