

EPOMAX 102 FUN EXTRA CLEAR HOBBY EPOXY RESIN

Technical Data Sheet

(A+B)

Description

Epomax 102 FUN is a two component, solvent-free ultra transparent epoxy resin.

Properties

- Extra Transparent
- Ultra UV Resistant
- Odorless
- Easy Mixing
- Suitable for LED systems
- Cristal Shine
- Solvent-Free
- It is resistant to impacts, water and most chemicals.

Usage Areas

It can be used in making an accessory works such as jewelry, necklaces, earrings.

It can be used in small object works such as coasters, key rings and ornaments.

It can be used as surface protection.

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Usage

Put component A into an any clean plastic box and add component B according to the mixing ratio. Mix in one direction until it becomes a homogeneous mixture. For coloring process, add COLORMAX pigment to your mixture and mix again until it becomes homogeneous. Make sure that the objects you will use in your work are clean, dry. After the mixing, use the the vacuum machine. Allow the poured mold to dry at room temperature and standard conditions. Check the drying condition and take it out of the mold.

Packing

0,75 KG, 1,5KG, 3KG, 6KG, 15KG, 30KG

Technical Properties

High modulus unfilled epoxy system. The curing at room temperature plus the post-curing at moderate temperatures (50-60°C) allows high performance. Further stabilization at higher temperatures improves the thermal resistance of the components.

Solid volume: 100%

Application Degree: 15-30°C

Mix Ratio: 100:50(2:1)

SYSTEM SPECIFICATIONS

Resin

Viscosity	25°C	IO-10-50 (EN 13702-2)	mPas	1.200 - 1.800
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Hardener

Viscosity	25°C	IO-10-50 (EN 13702-2)	mPas	10 - 15
Geletion Time	25°C	IO-10-52a (UNI 8701)	Min.	240 - 360

Resin

Colour	Ultra Clear			
Density	25°C	IO-10-51 (ASTM D 1475)	g/ml	1,06 - 1,10

Hardener

Colour	Ultra Clear			
Viscosity	25°C	IO-10-50 (EN 13702-2)	mPas	10 - 15
Density	25°C	IO-10-51 (ASTM D 1475)	g/ml	0,92 - 0,96

TYPICAL SYSTEM CHARACTERISTICS

Mix Ratio		for 150g resin	g	100:50
Pot Life	25°C	IO-10-52	Min.	120 - 150
Exothermic Peak	25°C	IO-10-52	°C	65
Geletion Time	25°C (1mm)	IO-10-88	hour	4-6
Curing Time	25°C (15ml;6mm)		hour	Appx. 24h.

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Important Notes and Warnings

Do not use component A or component B alone.

Do not add any other substance to the product mixture other than pigment.

Use sensitive scales when mixing. In working conducted with incorrect mixing ratios, there may be problems of drying out of the resin.

Make sure that the floor and environment to be cast are clean. Moisture and dirt on the surface in the short term; may cause the resin not to dry out, turn yellow, and in the long term, deterioration of the ground.

According to the product specifications, more than 1 cm of casting should not be made at a time.

Use safety equipment and do not come into contact with your skin during your use.

You can use with powder, paste, liquid pigment.

Store product packages at room temperature in a closed area.

The information provided was shared for suggestion based on room temperature and standard conditions, and technical data may vary depending on the conditions.

 **EPOKSIMAX**
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