

EPOMAX 203 PRO EXTRA CLEAR EPOXY RESIN

Technical Data Sheet (TDS)

(A+B)

Description

Epomax 203 PRO 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

Usage Areas

The table is suitable for gallow applications.

It is suitable for decoration and large object applications.

It can be used for making accessories. *Epoxy Resin for Accessory | Table | 3D Floor*

Usage

Make a mixture considering the mixing ratio. (4:1) Put component A into a component 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 wood to be used is completely dry and free from dirt, dust and oil if works such as wood, table, coffee table are to be made. Pour the mixture after processing the vacuum machine. Allow the poured container to dry at room temperature and standard conditions. Check the drying condition and take it out of the mold.

Packing

1,5kg, 5kg, 25kg.

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: 100:25 (4:1)

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 125g resin	g	100:25
Pot Life	25°C (50mm; 200ml)	IO-10-52	Min.	120 - 150
Exothermic Peak	25°C (50mm;200ml)	IO-10-52	°C	65
Geletion Time	25°C (1mm)	IO-10-88	hour	4-8
Demoulding Time	25°C (15ml;6mm)		hour	24

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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 / colorant.

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 mold to be cast, the wood or objects to be used are dry and clean.

Working area should be free from dust and it should be clean.

In case of casting more than 2 cm at a time due to product specifications, there may be problems of drying and yellowing.

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

You can color with powder, paste, liquid pigment.

Do not store your work after casting under direct sunlight.

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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