

::: EPOXY RESIN CLEAR SLOW A+B

Description:

Is a 2 component solvent-free, odourless and crystal clear casting resin based on epoxy. Suitable for casting in larger volumes for decorative applications. Available in 0.5 kg, 1 kg, 5 kg and 20 kg containers.

Application:

Casting of blocks in crystal-clear casting resin. Is reasonably UV-resistant and can be coloured with PU pigments or epoxy pigments.

Data on delivery:

	<u>A-comp.</u>	<u>B-comp.</u>
Color:	colourless	colourless
Viscosity:	450 mPas	20 mPas
Mass density:	approx. 1.0 g/cm ³	approx. 1,01 gr/cm ³
Shelf life:	12 months	12 months
Consistency:	liquid	liquid

Technical data:

	<u>A+B</u>
Consumption:	Depending on application
Shore:	not applicable
Density	1,01 g/cm ³ (iso 1183)
Deflection temperature , HTD	80 - 85 °C (iso 75)
Glass transition temperature=Tg	80 - 85 °C
Bending strength	100 - 110 Mpa (iso 178)
Modulus of bending	2500 - 3000 MPa (iso 178)

Processing:

Mix both components in a 100/45 parts by weight ratio. After mixing, pour into a new mixing container and mix again. Allow the mixture to stand for 10 minutes before pouring. Pot life: 120-150 min. Dry after 48-72 hours at a temperature of 23°C. Fully cured after 7 days.

Safety:

Always provide appropriate protective clothing and gloves. Avoid prolonged skin contact. Cleaning agent for tools: cleaner M (environmentally friendly substitute for acetone).