



TECHNICAL DATA SHEET

ART RESIN LAFFAN- ART01

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Characteristics:

Art Resin is an environmentally friendly epoxy resin that cures at room temperature and low temperature conditions. It has good leveling, natural defoaming, yellowing resistance, high transparency without ripples, bright surface, and is suitable for room temperature and heating curing.

Application Areas:

Art Resin is widely used for making art and crafts, jewelry, coatings, decorations, castings ect.

Technical Parameter:

Properties	Resin	Hardener
Colour	Transparent	Transparent
Density (g/m ³)	1.07±0.05	0.98±0.03
Viscosity (mPa.s)	2000±500	100±50
Brookfield DV2TRV Test Method	25°C	
Mixing ratio (by Weight)	2:1	

After mixing :

Properties	Resin + Hardener
Status	Liquid
Viscosity	500±200 mPa.S
Brookfield DV2TRV Test method	25°C
Operation Time(100G, 25°C)	30Min.

Curing Time :

Initial Curing(50g)	About 8-12 hours at room temperature
Final Curing (50g))	About 24~36 hours at room
Temperature Range	10°C-90°C

Contacts us:

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How to use :

Working Environment

Please keep the glue container clean, A, B component strictly according to the weight ratio proportioning, accurate weighing, along the inner wall of the container clockwise stirring fully homogeneous and leave it for 3-5 minutes after use.

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Precautionary Note:

According to the operating time and the amount of glue mixing to avoid waste. When the temperature is lower than 15 °C, please preheat the A glue to 30 °C before glue mixing, easy to operate (low temperature A glue will thicken); after use must be sealed barrel lid, to avoid moisture absorption caused by the product scrap. When the relative humidity is greater than 85%, the surface of the cured material is easy to absorb the moisture in the air, forming a layer of white mist, so when the relative humidity is greater than 85%, it is not suitable for ambient curing, it is recommended to use the heating curing.

Test Results:

Hardness	shoreD	82±2D
Bending Strength	K/mm ²	28
Heat Distortion Temperature	°C	70
Water Absorption Rate	%	<0.1
Compressive Strength	Kg/mm ²	8.4

Preservation:

Afraid Of Freezing	Yes	
Moisture Sensitivity	Resin	Hardener
	No	Yes
Recommended Storage Temperature	15°C - 25°C (not lower than 10°C and not higher than 50°C)	
Validity Period	6 Months (in original packaging)	

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