

# SDF263AB-J Epoxy Resin

## Technical datasheet



### Description & Application

SDF263AB-J is a modified epoxy resin, which can be polished and polished after curing, with good fluidity and good defoaming performance; suitable for vacuum infusion curing system with moderate curing speed; after curing, it has good solvent resistance, wound resistance, High hardness, yellowing resistance, good transparency, good adhesion, no wrinkling or loosening when grinding; inorganic fillers or non-transparent color pastes can be added for dyeing during use. It is suitable for the reinforcement and molding of composite resin, abrasives, golf balls, picture frames, marbles, handicrafts and other products.

### Product data

	Epoxy resin 263A-J	Harder 263B-J	Mixed Adhesive
<b>Appearance</b>	Transparent	Transparent	
<b>Specific gravity</b>	1.07	0,95	
<b>Viscosity at 25°C (Pa.s)</b>	1000-2000	80-100	
<b>Mixing Ratio (weight)</b>	100	25	
<b>Pot life at 25°C (100gr)</b>			15-20min
<b>Curing Conditions</b>			48h at 25°C 2-4h at 70°C

### Processing

1. Adhesive products need to be kept dry and clean; the workplace needs to be ventilated;
2. Please check Agent A before use, observe whether there is sedimentation, and stir Agent A well;
3. The amount is taken according to the proportion and the weighing is accurate. Please remember that the proportion is the weight ratio rather than the volume ratio. After the A and B agents are mixed, they must be stirred well to avoid incomplete curing;
4. First heat the resin to 40 °C (in winter)
5. Weigh accurately according to the ratio, stir evenly and stand still without bubbles.
6. Add the mixed liquid to the glue tank, keep the glue tank temperature above 20 °C for extrusion.
7. Very few people will have mild skin allergies and mild itching during prolonged contact with glue. It is recommended to wear protective gloves when using it. Please wipe it off with acetone or alcohol and clean it with a detergent;
8. Before using it in large quantities, please try it in a small amount to master the use skills of the product to avoid mistakes.

### Typical cured properties

Hardness	Shore D	82 - 85
Tg temperature	°C	120
Heat resistance temperature	°C	140-150
Elongation	%	2.45
Compressive strength	Kg/mm <sup>2</sup>	20-22
Bending strength	Kg/mm <sup>2</sup>	14-15
Tensile strength	Kg/mm <sup>2</sup>	15-18
Water absorption rate	%	<1

The above performance data are typical data measured in a laboratory environment with a temperature of 25 °C and a humidity of 70%, and are for customer reference only.