

深圳市正大升化工有限公司

Shenzhen Zhengdasheng Chemical.Co.Ltd

产品说明书/Technical data sheet

环氧树脂胶/Epoxy resin ZDS168AB-T

ZDS168AB-T 系室温或低温固化型弹性环氧树脂胶，固化物表面平整、光亮、硬度低、绝缘性能好，广泛用于各类电容器及电子变压器、负离子发生器、电源模块、LED 模组、水泵、灯饰及其它电子零件的绝缘、固定、防水、防潮、灌封及用于保密之遮封，固化后，产品可修复。

ZDS168AB-T is a room temperature or low temperature curing elastic epoxy resin adhesive. The cured product has a smooth, bright surface, low hardness and good insulation performance. It is widely used in insulation, fixing, waterproofing, moisture-proofing, potting and confidentiality sealing of various capacitors and electronic transformers, negative ion generators, power modules, LED modules, water pumps, lighting and other electronic parts. After curing, the product can be repaired.

一、性状/ Characteristics:

| 品名/Product Name | 环氧树脂 Epoxy resin ZDS168A-T | 固化剂 Hardener ZDS168B-T |
|-------------------------------------------|-----------------------------------|---------------------------|
| 颜色/Color | 白色/ White,, 透明/Clear, 黑色 Black | 透明/Clear, 赤褐色 Auburn |
| 粘度 Viscosity (25°C, CPS) / | 4500-6000CPS | 80-150CPS |
| 比重/Specific Gravity (25°C) | 1.5/cm ³ | 1.05/cm ³ |
| 混合比例(重量比)/ Mixing Ratio (Weight Ratio) | 100:50 | |
| 闪燃点/Flash Point | 210°C | >240°C |
| 固化条件/Curing Conditions | 60-80°C 2-4H or 25°C×15-24 H | |
| 可使用时间/Pot life (25°C) | 40-60 分钟/Min | |

二、固化特性/ Curing characteristics:

| | | | |
|------|----------------------|---------------------|----------------------|
| 体积电阻 | Volume resistivity | (500V、Ω-cm | 1.1×10 ¹⁵ |
| 耐电压 | Withstand voltage | kg/ mm | 10-12 |
| 抗压强度 | Compressive strength | kg/ mm ² | 8-10 |
| 表面电阻 | Surface resistivity | ohm | 1.2×10 ¹⁶ |
| 吸水率 | Water absorption | %(25°C×24HRS) | <0.03 |
| 耐热温度 | Heat resistance | °C | -45-85 |
| 抗拉强度 | Tensile strength | kg/cm ² | 5-8 |
| 收缩率 | Shrinkage | % | 0.2-0.35 |
| 硬度 | Hardness | SHORE D | 35-55 |

三、操作注意事项/Operation precautions

- 1、要灌注密封的部位需保持干燥、清洁，工作场所需保持通风；
- 2、操作时，须按标准重量比配比，混合并搅拌均匀。搅拌时注意搅拌四周与底部，都须均匀混合。本品混合后会逐渐固化，其粘稠度也会逐渐上升；
- 3、混合在一起的胶量越多，其反应就越快，固化速度也会越快，请注意控制一次配胶的量，因为由于反应

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加快，其可使用的也会缩短；在大量使用前，请先小量试用，掌握产品的使用技巧，以免差错。

4、有极少数人长时间接触胶液会产生轻度皮肤过敏，有轻度痒痛，建议使用时戴防护手套，粘到皮肤上请用丙酮或酒精擦去，并使用清洁剂清洗干净。

5、混合后材料尽早使用完毕，以免反应胶稠而损失，固化过程中请及时清洁使用器具，以免胶水凝固在器具上；未使用完之原料应密封储存，并注意远离火源及潮湿场所。

1. The parts to be sealed must be kept dry and clean, and the workplace must be ventilated;
2. During operation, the mixture must be mixed and stirred evenly according to the standard weight ratio. When stirring, pay attention to stirring around and at the bottom, and mix them evenly. This product will gradually solidify after mixing, and its viscosity will gradually increase;
3. The more glue is mixed together, the faster it will react and the faster it will cure. Please pay attention to controlling the amount of glue mixed at one time, because the reaction will be accelerated, and the usable time will be shortened; before using it in large quantities, please try it in a small amount first to master the use skills of the product to avoid mistakes.
4. A very small number of people will have mild skin allergies and mild itching and pain after long-term contact with glue. It is recommended to wear protective gloves when using it. If it sticks to the skin, please wipe it off with acetone or alcohol, and clean it with detergent.
5. Use up the mixed materials as soon as possible to avoid loss due to the reaction glue. Please clean the utensils in time during the curing process to avoid the glue solidifying on the utensils; unused raw materials should be stored in a sealed manner and be kept away from fire and humid places.

四、包装及单价说明/ Packaging and price description

1. 本品包装规格为每组 30kg 包装；其中包含主剂 25kg/桶、固化剂 5kg/桶。
2. 单价是 AB 两剂的平均价格而非单独计价。

1. The packaging specification of this product is 30kg per group; it includes 25kg/barrel of main agent and 5kg/barrel of curing agent.

2. The unit price is the average price of the two agents AB, not the separate price.

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