



深圳市正大升化工有限公司

Shenzhen Zhengdasheng Chemical, Co. Ltd

Silicone Adhesive Catalog

Address: 4F, Longyuntong Building, No. 164-5 Pengda Road, Longgang District, Shenzhen

Website: epoxyresinfactory.com/Zdschemical.com

Tel: 0755-84875752

Fax: 0755-84875750

| Type | Product Model | Application | Color | State | Density (25 °C, g/cm ³) | Surface drying time (25 °C, RH: 50%, min) | Curing time (25 °C, RH: 50%, H) | Hardness (Shore A) | Thermal conductivity (W/m.K) | Elongation at break (%) | Tensile strength (Mpa) | Shear strength (Mpa A/A) | Flame retardant grade | Temperature resistance range | Packaging | Note |
|--------------------------------------------------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|---------------------------|-------------------------------------|-------------------------------------------|---------------------------------|--------------------|------------------------------|-------------------------|------------------------|--------------------------|-----------------------|------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------|
| Single component deacoholization type | ZDS999 | Adhesion and sealing of floodlights, lighting lamps, car headlights and other products. Fast curing, low volatility, low odor, no corrosion. | Black/White | Paste-like semi-collapsed | 1.35±0.5 | 10-25 | | 25-35 | 0.4-0.5 | ≥150 | ≥2.0 | ≥2.2 | V1 | | 100ml/300ml/2600ml | Shelf life: 6 months |
| Single component deacoholization type | ZDS626 | PC bonding PC lights, bonding, positioning and reinforcement of electronic components on electronic circuit boards, engineering plastics, metals, glass and ceramics, bonding and waterproof sealing of gas/dial tubes in the optoelectronic industry. | Black/White | Paste-like | 1.35-1.4 | ≤15 | | 40-45 | | ≥200 | ≥1.5 | | | -60-200 °C | 100ml/300ml/2600ml | Shelf life: 6 months |
| Single component deacoholization type | ZDS527 | Circuit board component bonding, sealing, reinforcement of components on electronic circuit boards. Passed UL94V-0 level, in line with Reach, Rohs. | Black/White | Paste-like | 1.45±0.5 | 5-15 | | 55-65 | 0.6-0.7 | ≥100 | ≥1.2 | ≥1.2 | V0 | | 100ml/300ml/2600ml | Shelf life: 6 months |
| Single component deacoholization type | ZDS995 | Non-corrosive moisture-proof protection of IC components in electronic and electrical products, strong bonding on metals and non-metals; fast surface drying, no corrosion, no volatility, high strength, good weather resistance. | Translucent/Yellowish translucent | Semi-fluid | 1.00±0.5 | 3-50 | | 10-25 | 0.2-0.25 | ≥200 | ≥2.0 | ≥2.1 | HB | | 100ml/300ml/2600ml | Shelf life: 6 months |
| Single component deacoholization type | ZDS971 | Dust, moisture and harmful gas protection for pcb circuit boards, LCD/LED liquid crystal modules. No corrosion, excellent anti-aging and electrical properties. Passed double 85 test. | Black/Transparent/White | Flowing | 1.00±0.5 | 5-15 | | 15-25 | 0.2-0.25 | ≥100 | ≥0.8 | ≥0.8 | HB | | 100ml/300ml/2600ml | Shelf life: 6 months |
| Single component deacoholization type | ZDS929 | Suitable for bonding transformers, transistors or other heating components to circuit board assembly or radiator. | White/Light grayish White | Paste-like | 2.1-2.45 | 5-15 | | 60-90 | 1.2-2 | 10-50 | ≥1.2 | ≥1.0 | V1 | | 100ml/300ml/2600ml | Shelf life: 6 months |
| Single component deacoholization type | ZDS527-B | Flame-retardant bonding and fixing of capacitors, coils and other components in electronic products, in line with Reach and Rohs certification | Black | Paste-like semi-collapsed | 1.46±0.5 | 6-45 | | 50-60 | 0.4-0.5 | ≥100 | ≥1.2 | ≥1.2 | V0 | | 100ml/300ml/2600ml | Shelf life: 6 months |
| Single component deacoholization type | ZDS527-W | Wire harness fixing, shallow potting and other electronic components and circuit protection, moisture-proof, anti-leakage, coating and other sealing effects, no corrosion to metal materials, excellent adhesion to a variety of substrates. | White | Flowing | 1.05±0.5 | 3-8 | | 15-25 | 0.2-0.25 | ≥200 | ≥2.0 | ≥2.1 | V1 | | 100ml/300ml/2600ml | Shelf life: 6 months |
| Single component deacoholization type | ZDS999-T | Used for bonding, waterproofing and sealing protection of long-term outdoor products and underwater products. High adhesion, good toughness, waterproof IP68 | Translucent | Paste-like | 1.03±0.5 | 3-8 | | 10-25 | 0.2-0.25 | ≥200 | ≥2.0 | ≥2.1 | HB | | 100ml/300ml/2600ml | Shelf life: 6 months |
| Single component deacoholization type | ZDS895 | Suitable for ABS, PVC, nylon and silicone rubber materials with good adhesion, fast surface drying, high toughness, and multiple bending of bonded wires is not affected | Black/White | Semi-flowing | 1.25±0.5 | 3-20 | | 15-25 | 0.25-0.3 | ≥200 | ≥1.5 | ≥2.0 | HB | | 100ml/300ml/2600ml | Shelf life: 6 months |
| Single component deacoholization type | ZDS899 | Bonding and fixing of components, T8 lamps and other products, with excellent adhesion. No drawing, fast curing, good extrusion. | Black/White | Thixotropic paste-like | 1.45±0.5 | 3-8 | | 55-65 | ≥1 | ≥50 | ≥1.0 | ≥1.2 | V1 | | 100ml/300ml/2600ml | Shelf life: 6 months |
| Single component deacoholization type | ZDS699 | Used for sealing and heat-resistant bonding of household appliances, such as steel plate fixing of ovens, microwave ovens, dishwashers, etc., high temperature resistance of 350 °C, moisture-proof, excellent cold resistance, high bonding strength, good bonding to metal, glass, PC, ABS and other materials. | Red/Black | Paste-like | 1.28±0.5 | 20-35 | | 35-45 | 0.3-0.4 | ≥200 | ≥2 | ≥2.1 | V1 | 350 °C | 100ml/300ml/2600ml | Shelf life: 6 months |
| Single component deacoholization type | ZDS695-W | It has good bonding effect on aluminum, metal, glass, PC, ABS and other materials; fast surface drying, high toughness, in line with EU Reach, Rohs and other standards | White | Semi-fluid | 1.12±0.5 | 10-20 | | 15-25 | 0.25-0.35 | ≥200 | ≥1.2 | ≥1.2 | HB | | 100ml/300ml/2600ml | Shelf life: 6 months |
| Single component deacoholization type | ZDS695 | Used for sealing and heat-resistant bonding of household appliances, such as steel plate fixing of ovens, microwave ovens, dishwashers, etc., high temperature resistant to 250 °C, good bonding to metals and non-metals | Red/Black | Semi-fluid | 1.25±0.5 | 20-35 | | 40-45 | 0.3-0.4 | ≥300 | ≥2.3 | ≥2.3 | V1 | 250 °C | 100ml/300ml/2600ml | Shelf life: 6 months |
| Single component deacoholization type | ZDS795-W | Bonding and sealing of products such as coffee machines, electric irons, water tanks, medical products, etc. No yellowing, excellent electrical properties, good weather resistance, and moisture resistance. | White/translucent | Semi-flowing | 1.05±0.5 | 8-15 | | 35-45 | 0.3-0.4 | ≥200 | ≥2 | ≥2.1 | HB | | 100ml/300ml/2600ml | Shelf life: 6 months |
| Single component deacoholization type | ZDS799 | Sealing and bonding of small household appliances such as steam ovens, kettles, and electric irons. No yellowing, high temperature resistance, strong bonding to metals, glass, PC and other products. | Transparent/translucent | Paste-like | 1.05±0.5 | 15-25 | | 30-40 | 0.25-0.35 | ≥200 | ≥1.2 | ≥1.2 | HB | | 100ml/300ml/2600ml | The shelf life is 1 year, and it can pass food grade, medical grade, FDA and other tests, and can be used in toys |
| Single component deacoholization type | ZDS795 | Used for bonding and sealing of medical devices, household appliances, refrigerators and other products; high temperature resistance, moisture curing, the glue layer after curing is an elastomer, food grade FDA standard. | Transparent | Semi-flowing | 1.05±0.5 | 10-25 | | 20-30 | 0.25-0.35 | ≥200 | ≥1.2 | ≥1.2 | HB | | 100ml/300ml/2600ml | |
| Single component deacoholization type | ZDS795-T | Used for bonding and sealing of refrigerators, dishwashers, microwave ovens, air filters, water tanks, etc.; high bonding strength, wide range of use, good bonding to plastics and glass. | Translucent | Semi-flowing | 1.05±0.5 | 10-20 | | 20-30 | 0-0.25 | ≥400 | ≥2.2 | ≥2.3 | HB | | 100ml/300ml/2600ml | |
| Two-component silicone/condensation potting glue | ZDS2682 | Suitable for waterproof potting of lighting products, excellent weather resistance and aging resistance, ratio 10:1 | A: Black/White/gray, B: | Fluid | A:1.15±0.25 B:0.95±0.98 | 30-50 | 2-4 | 20-30 | 0.6-0.65 | ≥200 | ≥1.0 | | HB | | 5kg/20kg | |
| Two-component silicone/condensation potting glue | ZDS2680 | Suitable for potting and bonding of outdoor floodlights without face covers, household panels, etc. Good adhesion to circuit boards, metals, and aluminum materials, yellowing resistance, waterproof IP68; ratio 10:1 | A: Transparent, B: Transparent | Fluid | A:1±0.5, B:0.95±0.98 | 30-50 | 2-4 | 20-30 | ≥0.3 | ≥200 | ≥1.0 | | HB | | 5kg/20kg | Cannot be heat cured, shelf life is half a year |
| Two-component silicone/addition potting glue | ZDS527-H | Suitable for waterproof potting of water pumps, electronic instruments, thermal meters, and power supplies; low viscosity, self-leveling. Usage ratio 1:1 | A: Black/gray, B: White | Fluid | A:1.64±0.5, B:1.64±0.5 | 40-60 | 1.5-2 | 55±5 | ≥1 | | | | V0 | | 5kg/20kg | |
| Two-component silicone/addition potting glue | ZDS6280 | Suitable for potting protection of electronic components, drive power supplies, and network transformers, moisture-proof and shock-proof. Good weather resistance and aging resistance, maintaining rubber elasticity at -40 to 200 degrees Celsius. Usage ratio 1:1 | A: Black/gray, B: White | Fluid | A:2.6±0.1, B:2.6±0.1 | 30-40 | 2-4 | 65±5 | ≥2 | | | | V0 | -40-200°C | 5kg/20kg | |
| Two-component silicone/special series | ZDS6190 | Suitable for bonding of automotive parts, oil resistance, and reinforcement. Comply with reach, rohs, excellent weather resistance and aging resistance. Usage ratio 1:1 | A: White, B: Gray/black | Paste-like | A:1.3-1.45, B:1.3-1.45 | 3-5 | 30-40 | 35±5 | ≥0.5 | ≥100 | ≥1.2 | | | | 5kg/20kg/红绿管 400ml | |