

UV- and/or Thermo-curable Adhesives

Adhesive series include UV-curable, thermosetting and UV- and thermo-curable resins



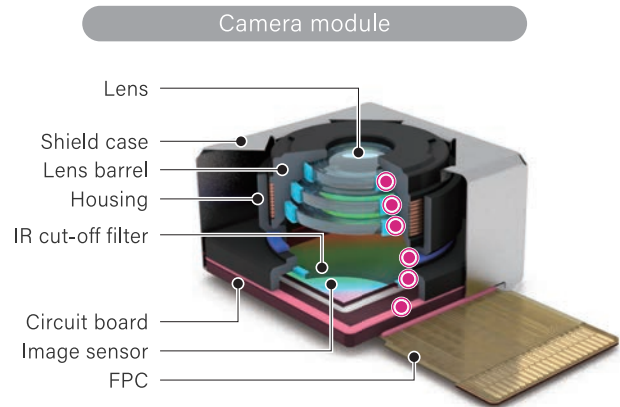
Product Name UV-curable adhesives: SA2200 series, SA3100 series
Thermosetting adhesives: SA2100 series, SA2400 series
UV- and thermo-curable adhesives: SA2300 series

Features

- Adhesives that cure rapidly by ultraviolet (UV) radiation, heat, or UV + heat
- For fixing of high-precision components such as optical components and lens
- For fixing the parts of optical pickups and camera modules that need low cure temperature and low shrinkage

Applications

Fixing optical pickups or camera module components for mobile devices such as smartphones, tablet PCs, AR glasses and VR headgears

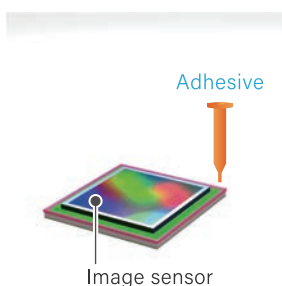


● UV- and/or thermo-curable adhesive

How to use (ex. SA2371DN)

Step 1

Applying adhesive



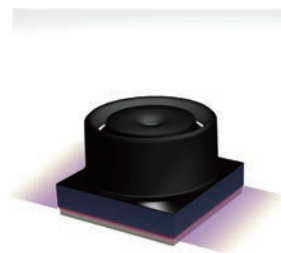
Step 2

Active alignment



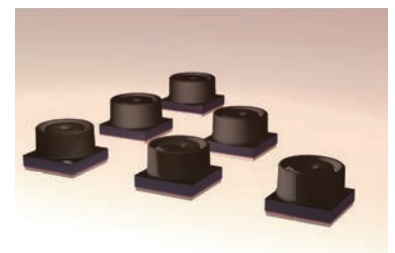
Step 3

UV curing










Step 4

Thermal curing in oven equipment



Specifications

Item name	Resin type	Liquid properties		Properties after curing		
		Viscosity *1 [mPas]	Thixotropic index *1 [-]	Hardness *2 [-]	T _g [°C]	
SA2235	Acrylic	9,000	2.2	D67	4	 3000 mJ/cm ² or more *4
SA3111SN	Acrylic	2,500	2.5	D65	15	 3000 mJ/cm ² or more *4
SA2111DN	Epoxy	6,800	2.4	D83	75	 3000 mJ/cm ² or more  + 80°C x 60 min or more
SA2383DB	Acrylic & Epoxy	40,000	4.2	D87	100	 150 mW/cm ² x 6 sec or more *4  + 80°C x 60 min or more
SA2423HB	Epoxy	27,000	2.3	D80	25	 80°C x 8 min or more

*1 : Rheo-meter @25°C

*2 : Durometer (Code D)

*3 : JIS K7244

*4 : Metal-halide lamp

Product inquiry

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