

Adhesive for electrical components SX720(W, WH, B, and BH)



Features

- 1 Nonflammable product (UL94V-O listed).
(file No.E178790)
- 2 One-part elastic adhesive capable of curing at normal temperature and humidity.
- 3 Quick initial adhesion, high tack power for various types of materials, and excellent durability.
- 4 Safe and global environment-friendly adhesive.
 - Employs no halogen-based, antimony oxide, or phosphorus-based materials.
 - Designated 14 chemical substances under the guideline of Ministry of Health, Labour and Welfare is not used.
- 5 Free of siloxane
 - Contains no low molecular siloxane component.
 *D3 to D10 cyclosiloxane compound

Application

- Fixing of circuit boards such as condenser and coil
- Sealing of power supply and transformer for insulation
- Sealing of electronic components for waterproofing

[List of SX720 Adhesives] RoHS適合品

Product name		SX720W	SX720WH	SX720B	SX720BH
Base		Special polymer containing silyl group	Special polymer containing silyl group	Special polymer containing silyl group	Special polymer containing silyl group
External appearance		White paste	White paste	Black paste	Black paste
Viscosity (Pa·s/23°C)		42	82	42	82
Specific gravity (g/cm ³)		1.59	1.58	1.59	1.58
Tack free time		9	7	9	7
Tensile shear adhesive strength (MPa)		4.0	3.1	4.0	3.1
T type peeling adhesive strength (N/mm)		0.9	1.1	0.9	1.1
Curing properties	Hardness (Shore A)	78	78	78	78
	Glass transfer point (°C)	-60	-62	-60	-62
	Breaking strength (MPa)	3.8	3.6	3.8	3.6
	Breaking extension (%)	100	50	100	50
	Linear expansion coefficient	1.2×10^{-4}	1.2×10^{-4}	1.2×10^{-4}	1.2×10^{-4}
Electric Characteristics	Volume resistivity (Ω·cm)	3.0E+12	2.0E+12	1.5E+12	1.6E+12
	Dielectric constant (100Hz)	6.3	6.0	7.0	6.2
	Dielectric loss tangent (100Hz)	0.4	0.3	0.4	0.3
Thermal conductivity (W/m·k)		1.0	1.0	1.0	1.0
Capacity standards		200g·333ml	200g·333ml	200g·333ml	200g·333ml