



A-225 (STPU)

Silicone Terminated Polyurethane Adhesive

Features

- A-225 is a single component adhesive. Cured at room temperature. Working temperature range is -20°C to 100°C after cured. Good weather resistance, durability and elasticity.
- Not corrosive to most materials and is a Green product which is RoHs compliant.
- Outstanding adhesion to plastics, glass and metals. Widely used in various electronic components and electrical equipment for the potting and bonding purposes.

Typical Specifications

Color	:	<u>Translucent</u>	<u>White</u>	<u>Black</u> *
Viscosity	: @25°C, S14,10 rpm, cps	-	-	45,000~140,000
	@25°C, S14,6 rpm, cps	45,000~85,000	-	-
	@25°C, S14,3 rpm, cps	-	75,000~172,000	-
Specific Gravity	: @25°C	1.24~1.26	1.24~1.26	1.24~1.26
Hardness	: Shore A	40~45	45~55	45~55
Tack-Free Time [Ⓞ]	: @25°C, Min	5~10	5~10	3~5
Initial Cure [Ⓞ]	: @25°C, Min	10~20	10~20	10~15
Full Cure [Ⓞ]	: @25°C, Day	7	7	7
Shelf Life	: @25°C, Unopened	6 Months	6 Months	6 Months

Bond strength

(Unit : kgf/cm²)

ABS to ABS	:	22	14	20
PET to PET	:	27	38	30
Copper to Copper	:	36	34	36
Aluminum to Aluminum	:	33	44	38
Glass to Glass	:	36	18	38
PMMA to PMMA	:	24	22	21
SUS to SUS	:	29	33	35
Polycarbonate to Polycarbonate	:	23	12	25
PVC to PVC	:	27	38	32

Ⓞ The curing speed is related to the temperature and humidity in air and the adhesive thickness applied.

※ Black is thixotropic.

傑地有限公司

UL MIL 絕緣材料・粘膠・溫控器材

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JA1505-443