

Silicone Adhesion Promoter

SK-Z02P

Product Features:

- **Enhanced Adhesion:** Improves bonding of addition-cure silicone to PPA, PET, PCBA, silver-plated surfaces and other substrates.
- **Reactive Hydrogen Groups:** Contains functional hydrogen groups for effective crosslinking.

Technical Specifications:

Test Item	Typical Data	Test standard
Appearance	Colorless transparent liquid	Visual inspection
Kinematic viscosity (mm ² /s @25°C)	5~50	GB/T 10247-2008
Refractive Index (25°C)	1.42~1.44	GB/T 6488
Hydrogen content (wt%)	0.13~0.20	HG/T 4804-2015

Typical Applications:

- **Electronic Potting Compounds:** Selective adhesion for addition-cure thermal/flammable-resistant potting adhesives.
- **Pressure Sensitive Adhesives:** Enhances substrate anchoring of addition-cure PSAs.
- **LED Encapsulation:** Promotes adhesion to silver-plated layers and PPA substrates.

Usage Guidelines:

- Add 1–2% (by total silicone weight) to the hydrogen-containing component.
- Recommended curing temperature: ≥100°C (time varies by application).

Packaging & Storage:

- **Packaging:** 5 kg/bucket, 20 kg/carton.
- **Storage:** Best stored at 0–8°C. Short-term room-temperature storage (<1 month) is acceptable.
- **Transport:** Non-hazardous; complies with standard chemical shipping regulations.
- **Shelf Life:** Optimal within 3 months of production. Re-test if expired.

Safety & Environmental Notes:

- Wear appropriate protective gear when handling. Refer to the MSDS for details.
- Dispose of packaging in compliance with local solid waste regulations.

Notes:

- The information contained in this document is based on reliable data we have obtained. The content, product performance improvements, and product specifications may change without prior notice.
- The information provided in this document is based on our laboratory and practical experience and is for reference only. Since the conditions and methods of using this product are beyond our control, it is essential to conduct application tests and evaluations before use.
- Some performance parameters of the product can be adjusted according to customer requirements. If needed, please contact our technical department engineers.