

## High-Index Adhesion Promoter

### SK-Z01P

#### Product Features:

- Enhances adhesion of high-index silicone to PPA, silver-plated surfaces, and other materials.
- High refractive index, compatible with phenyl silicone resins.
- Contains reactive vinyl groups.

#### Technical Specifications:

Test Item	Typical Data	Test standard
Appearance	Pale yellow transparent liquid	Visual inspection
Viscosity (mPa·s at 25°C)	50~200	GB/T 10247-2008
Refractive Index (25°C)	1.470~1.500	GB/T 6488
Vinyl Content (wt%)	1.0~2.0	Sodium thiosulfate titration

#### Typical Applications:

- High-index silicone for LED packaging: Improves adhesion of phenyl silicone resins to PPA, silver-plated substrates, etc.
- Insulating die-attach adhesives: Enhances bonding strength to base materials.

#### Usage Guidelines:

- Can be added to any component at 1–2% of the total silicone weight.
- For optimal adhesion, cure at 100°C/1H + 150°C/3H.

#### Packaging & Storage:

- SK-Z01P is packaged in 5KG/bucket, 20KG/carton.
- Store in a cool, dry, dark place at room temperature.
- Classified as non-hazardous for transport.
- Best used 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.