Silicone Adhesion Promoter

SK-AP9250

Product Features:

- Significantly enhances the adhesion of addition-cure silicone to die-cast aluminum, polyolefins, and other substrates.
- Imparts strong thixotropy when added to fumed silica-reinforced silicone rubber.
- Contains reactive vinyl groups.

Technical Specifications:

Test Item	Typical Data	Test standard
Appearance	Pale yellow clear liquid	Visual inspection
Kinematic viscosity (mm^2/s @25°C)	10~100	GB/T 10247-2008
Refractive Index (25°C)	1.42~1.44	GB/T 6488
Vinyl content (wt%)	6.0~7.0	Sodium thiosulfate titration

Typical Applications:

- Silicone pressure-sensitive adhesives (PSA): Improves anchorage to pre-coated films, with enhanced resistance to boiling water and high temperature/humidity.
- Thixotropic sealants: Used in CIPG/FIPG one-component addition-cure bonding sealants.

Usage Guidelines:

- Add 1~2% by weight to any silicone component.
- Recommended curing: >100°C (curing time varies by application).

Packaging & Storage:

- Packaging: 5 kg/bucket, 20 kg/carton.
- Storage: Store at room temperature in a dry, ventilated area.
- Transport: Non-hazardous; handle as general chemicals.
- Shelf life: 6 months (retest 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.