

Branched De-alcoholized Crosslinker

SK-CL01

Product Features:

- Branched multi-armed alkoxy structure;
- No impact on viscosity in fumed silica or inorganic filler systems, non-thixotropic;
- Compatible with 107 and alkoxy-terminated systems.

Technical Specifications:

Test Item	Typical Data	Test standard
Appearance	Colorless transparent liquid	Visual inspection
Specific gravity (g/cm ³)	0.96±0.05	GB/T 4472
Refractive index (25°C)	1.40±0.03	GB/T 6488

Typical Applications:

- Used as a crosslinker in de-alcoholized RTV to enhance tensile strength and elongation;
- Adhesion promoter for de-alcoholized RTV and addition-cure silicone rubber.

Usage Guidelines:

- In de-alcoholized products, it can replace methyltrimethoxysilane as a crosslinker, significantly improving strength and elongation. Recommended dosage: 2%. It can also fully replace methyltrimethoxysilane crosslinkers in formulations.

Packaging & Storage:

- Packed in 20KG drums;
- Moisture-sensitive—reseal unused material under nitrogen atmosphere and store in a cool, dark place;
- Optimal performance within 6 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.