

Primer

SK-PR920

Product Overview:

● SK-PR920 is a single-component silane and silicone resin modified primer designed to enhance adhesion between addition-cure silicone rubber and substrates such as nylon and metal. It forms a chemical bonding interface layer, significantly improving bond strength and weather resistance. Features include a wide processing window and excellent hydrolysis stability.

Technical Specifications:

Test Item	Typical Data	Test standard
Appearance	Pale yellow transparent liquid	Visual inspection
Viscosity (S/25℃)	5~15	GB/T 1723-93
Active Content (%)	≥25	/
Specific Gravity (g/cm ³)	0.83±0.05	GB/T 2013-2010

Typical Applications:

● Promotes adhesion between addition-cure silicone rubber and substrates including metal, nylon, and glass.

Application Instructions:

- Ensure substrates are clean and free of contaminants. Use acetone or isopropanol for surface cleaning if necessary.
- Air-dry at room temperature or oven-dry at 80℃. After cooling, apply pressure and heat for silicone vulcanization.
- Recommended vulcanization temperature: ≥120℃. Duration depends on product structure.

Packaging & Storage:

- Packaged in 20KG iron drums.
- Store in a cool, dry place at room temperature
- Flammable due to solvent content. Transport in compliance with regulations.
- Optimal use within 3 months of production date. Re-test required 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.