





purity	≥97.0%
Density 20°Cg/ml	0.9650-0.9750
Boiling point 760mmHg	265°C
Closed cup flash point	93°C
Refractive index 25°C	1.441-1.451

Note: The above data is for reference only and cannot be used as technical specifications

### Reaction property

In the presence of water, RK-G602 will hydrolyze the silicon hydroxyl groups that produce domestic waves and form bonds on the surface of various inorganic materials. The amino groups of RK-G602 with organic properties can react with suitable organic polymers. RK-G602 can self-catalyze hydrolysis reaction. The PH value of the hydrolysate is about 10~11. Suitable inorganic materials like: glass, glass fiber, glass wool, mineral wool, silica, sand, mica, aluminum hydroxide, quartz, calcium silicate, kaolin, talc, other silicate fillers, metal oxides and metals. Resins that can be used for RK-G602 include phenolic resin, furan, and silicone rubber.

RK-G602 can react in ketone or ester solvents. The silane itself or the silanized substrate reacts with carbon dioxide to form the corresponding carbonate or carbamate.

### Product application

RK-G602 is an important component in many industrial applications, such as:

- As an additive to cooling cured phenolic resin and furan resin, it



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improves its bending strength and prolongs its shelf life

- As a raw material for the amino functional siloxane complex
- Casting resin: as an additive to cooling cured phenolic resin and furan resin
- Sealants and adhesives: as primer or additive
- Inorganic filled compounds: Pretreatments of fillers or pigments or as additives to polymers
- Paints and coatings: as a primer or additive to improve adhesion to the substrate

**The RK-G602 also brings important features to end products, including:**

- Improve mechanical properties such as bending strength, impact strength and modulus of elastomers
- Improve moisture resistance and corrosion resistance
- Improve electrical properties, such as dielectric constant, volume resistivity

**Improve processing performance, such as:**

- Adhesiveness

**Product security, handling and storage**

The container should be sealed after opening to prevent water vapor from entering and producing hydrolysis.

Stored in the original unopened container at room temperature, this product has a shelf life of one year from the date of production. After passing the test, the buyer will decide whether to continue to use the expired product.

**Note:** The Company is only responsible for the sales specifications of the products at the time of shipment, and shall not be liable for any indirect



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or incidental damages.

**Packing** :5L, 10L, 25L, 200L, 1000L

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