

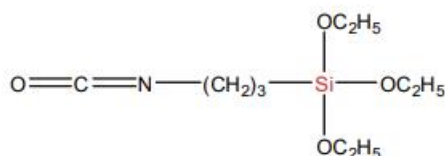


3-isocyanate propyl triethoxysilane

RK-25

Product description

Structural formula:



Molecular formula: C₁₀H₂₁N₀O₄Si

Molecular weight: 247.38

CAS No. : 24801-88-5

Chemical name: 3-isocyanate propyl triethoxysilane

Peculiarity:

RK-25 is a new type of organosilane coupling agent. The isocyanate group can react with hydroxyl, amino and other active groups, and can play a significant coupling role in organic materials, especially for inorganic materials with excellent adhesion.

Physical and chemical data:

nature	Numerical value
appearance	Colorless transparent liquid
purity	≥98.3%
Boiling point 760mmHg	238°C
Closed cup flash point	80°C
chroma	≤10



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

Product application:

- RK-25 is mainly used to treat the surface of inorganic, organic and metal materials to give them good adhesion between dissimilar materials to improve the comprehensive performance of materials or products.
- RK-25 can react with amine, hydrogen azide and phosphate ester to obtain silane coupling agent containing urea, azide and phosphate ester.
- RK-25 can be used as a room temperature vulcanized silicone rubber tackifier to improve the bonding strength of the rubber to the substrate.
- RK-25 can be used as an organic polymer modifier to achieve chemical modification, and RK-25 can be used as a crosslinking agent and viscosifier for paint.

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 6 months from the date of production.

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 or incidental damages.



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

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