

## IOTA-571 3-Methacryloxypropylmethyldimethoxysilane

Molecular Formula: C<sub>10</sub>H<sub>20</sub>O<sub>4</sub>Si

**CAS NO.: 14513-34-9**

Foreign Company's Trademark: Z-6033 KBM502

### Typical Physical Properties:

Physical Form	Light yellow to Clear liquid
Colour, Pt-Co	≤35
Specific Gravity at 25°C, g/cm <sup>3</sup>	0.985-1.010
Refractive Index, n <sub>D</sub> 25°C	1.4280–1.4330
Purity, %	MIN 97.0 %

### Characters & Applications:

IOTA-571 Silane is a new type of coupling agent with reactivity. It can copolymerize with most of the alkylene compounds. It can hydrolyze and crosslink either in the acidic or alkali medium.

IOTA-571 can be widely used in both natural and synthesized rubber. As reinforcing agent and crosslinking accelerant, IOTA-571 can be applied in composite materials (like plexiglass fiber composite materials), coating, ink,

adhesive and sealant etc. Plus it can also be used as an additive to resin modification.

**Validity period and storage:**

Stored in cool and dry place, avoiding water, tinder, heat source and light, the validity period will be 6 months on such condition.

**Packaging:**

1. 25kgs/Plastic drum
2. 200kgs/Steel drum
3. 1000kgs/IBC