

ChangFu® TMAC

Trimethylsilyl acetate



Description ChangFu® TMAC has remarkable hydrolysis activity and reactivity, can hydrolyze without a catalyst, and reacts with a wide range of chemicals, including lower fatty alcohols, carboxylic acids, and halogenating agents. It is commonly employed in the production of silanols, neutralizers, and active hydroxyl scavengers, which can significantly improve product quality and stability.

Features & Benefits Its hydrolysis activity ranges between organic chlorosilane and organic alkoxy silane, and hydrolysis processes can take place at room temperature without the use of a catalyst.
Easy to react with fatty alcohols to produce alkoxy silanes.
Can react with carboxylic acids.
Can react with halogenating agents (e.g., RCOCl, PBr, AgCl) to form organic halogen silanes.
Can react with metal alkoxides to produce methylsilyl metal compounds.

Applications Used as a raw material for the preparation of silanols and siloxanes.
Used in the manufacturing of silicone oil and silicone rubber as a neutralizing agent and an active hydroxyl scavenger.

Typical Properties

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| Description | Trimethylsilyl acetate |
| Product No. | ChangFu® TMAC |
| CAS No. | 2754-27-0 |
| Formula | C ₅ H ₁₂ O ₂ Si |
| Purity | min 97% |
| Color | Colorless or light yellow |
| Appearance | Clear liquid |

Package Offered in 25L PE pails and 200L PVF steel drums.
Custom packaging is available.

Storage Stored in a cool, well-ventilated place.
Keep container tightly closed.

Transportation See the corresponding Safety Data Sheet.