

ChangFu® NA11E



Chloro-dimethyl-(2-naphthalenyl-2-ethyl)silane

Description	ChangFu® NA11E is a specific organosilicon compound used in various industrial applications. Its structure combines the reactivity of silicon with the aromatic and alkyl functionalities of the naphthalene and ethyl groups, respectively.
Features & Benefits	High reactivity for further chemical modifications. Has aromaticity, influencing properties like solubility and electronic characteristics. Has compatibility with organic polymers and inorganic surfaces.
Applications	Used as a coupling agent in composite materials and coatings to improve adhesion between organic polymers (e.g., resins) and inorganic substrates (e.g., glass, metals). Used as a surface modifier to modify surfaces of materials like silica, ceramics, and metals, enhancing their hydrophobicity, adhesion, and resistance to environmental factors. Used as a polymer additive to modify properties such as flexibility, thermal stability, and resistance to chemicals. Used as an adhesion promoter to enhance the bonding strength and durability of adhesives and sealants, particularly in applications requiring high-performance adhesion. Used in the electronics industry for coating and encapsulation applications, where it provides protection against moisture and enhances thermal management.

Typical Properties

Description	Chloro-dimethyl-(2-naphthalenyl-2-ethyl)silane
Product No.	ChangFu® NA11E
CAS No.	94847-57-7
Formula	C ₁₄ H ₁₇ ClSi
Purity	min 95%
Color	Colorless or light yellow
Appearance	Clear liquid

Package	Offered in 25L pails and 200L drums. Custom packaging is available.
Storage	Stored in a cool, well-ventilated place. Keep container tightly closed.
Transportation	See the corresponding Safety Data Sheet.