

ChangFu® C412
n-Butyldimethylmethoxysilane



Description	ChangFu® C412 is a special silane primarily serving as a coupling agent, surface modifier, and silicone precursor. Its unique structure makes it hydrolyze to form reactive silanols for inorganic bonding and condense into durable siloxane networks.
Features & Benefits	Enhances separation of biological compounds in chromatography. Improves durability in harsh conditions.
Applications	Used in the formulation of adhesives and sealants where strong bonds are required, especially in applications exposed to harsh environmental conditions. Used in coatings and paints, improving moisture resistance, and adhesion on metal/glass. Used in electronic encapsulation, offering protection against moisture and mechanical stress. Used as a crosslinker and a precursor in silicone polymer synthesis.

Typical Properties

Description	n-Butyldimethylmethoxysilane
Product No.	ChangFu® C412
CAS No.	64712-50-1
Formula	C ₇ H ₁₈ OSi
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.