

### ChangFu® VBN32



N-[2-(N-Vinylbenzylamino)ethyl]-3-aminopropyltrimethoxysilane Hydrochloride

**Description** ChangFu® VBN32 is a high-purity styrene amino silane that is primarily used for fiberglass infiltration and surface treatment. It enhances and improves the adherence of fiberglass to various polymers such as epoxy and phenolic resin. It has been widely employed in the manufacture of surface treatment agents for electronic glass cloth laminate sheets.

**Features & Benefits** Quaternary ammonium functionalized trialkoxysilane.  
Improve and increase the adherence of glass fiber to epoxy resin.  
Reduce plate explosions and flaws during the high-temperature reflow soldering of high-temperature printed circuit boards.

**Applications** Used as an essential additive for glass fiber impregnation. It primarily acts as a coupling agent and adhesion promoter, promoting the adhesion between glass fibers and polymers.  
Used as a silane coupling agent for unsaturated polyesters.  
Used as a polymerization comonomer.

### Typical Properties

Description	N-[2-(N-Vinylbenzylamino)ethyl]-3-aminopropyltrimethoxysilane Hydrochloride
Product No.	ChangFu® VBN32
CAS No.	34937-00-3
Formula	C <sub>17</sub> H <sub>31</sub> ClN <sub>2</sub> O <sub>3</sub> Si
Sales Spec	40% in Methanol
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.