

Technical Data Sheet

ChangFu® BV32
1,3-Divinyl-1,1,3,3-Tetramethoxydisiloxane



Description ChangFu® BV32 is a colorless or yellowish clear liquid that is soluble in various organic solvents. As a siloxane compound containing two vinyl functional groups and four methoxy groups, ChangFu® BV32 has not only the properties of conventional vinyl silanes, but also better flexibility than that of vinyl silanes.

Features & Benefits Functionalized organic siloxane.
Reacts slowly with moisture/water.
Copolymerizes with ethylene to form moisture curing polymers.
Reacts with anhydrides to transfer both vinyl and methoxy and thus form the mixed diester.

Applications Used as a crosslinker in the preparation of crosslinking polyethylene compositions.
Used as a reactive diluent in the synthesis of curable hydrogen containing polysiloxanes.
Used as an auxiliary to produce encapsulation materials for electronics and semiconductors.
Used for the surface modification of metal particles, and mineral filler microparticles.

Typical Properties

Description	1,3-Divinyl-1,1,3,3-Tetramethoxydisiloxane
Product No.	ChangFu® BV32
CAS No.	18293-85-1
Formula	C ₈ H ₁₈ O ₅ Si ₂
Purity	min 97%
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.