

ChangFu® BPH32



1,3-Diphenyl-1,1,3,3-tetramethoxydisiloxane

Description ChangFu® BPH32 is a versatile organosilicon compound with a variety of industrial applications. Its unique combination of phenyl groups, methoxy groups, and a siloxane backbone gives it properties ideal for surface modification, adhesive formulation, polymer synthesis, and electronic applications, among others.

Features & Benefits High thermal stability, resistance to oxidation, and flexibility
Able to undergo various functionalization reactions
Less volatile compared to simpler siloxanes

Applications Used in surface treatment and modifications, particularly in enhancing the hydrophobicity or modifying the surface properties of materials like glass, metals, and polymers.
Used as an adhesion promoter to produce coatings, adhesives, and sealants, especially suitable for electronics and semi-conductor industry.
Used as an intermediate in the synthesis of more complex silicone-based polymers.

Typical Properties

Description	1,3-Diphenyl-1,1,3,3-tetramethoxydisiloxane
Product No.	ChangFu® BPH32
CAS No.	17938-09-9
Formula	C ₁₆ H ₂₂ O ₅ Si ₂
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.