

ChangFu® BEX23

1,6-Bis(diethoxymethylsilyl)hexane



Description	ChangFu® BEX23 is a specialty silane coupling agent with hexane-bridged dipodal structure. Two hydrolysable ethoxy groups can react with the hydroxyl groups on the surface of inorganic materials to form strong Si-O substrate covalent bonds, while the long C6 spacer chain enhances flexibility and minimizes internal stress.
Features & Benefits	Dual-functional silane. Surface Modification. Excellent coupling Agent with broad compatibility.
Applications	Used for surface modification in hydrophobic/moisture-proof coating preparation or filler surface treatment to improve filler-resin compatibility. Used to enhance dispersibility, reinforcing effect and mechanical properties of silicone rubber, and reduce its viscosity. Used as a coupling agent for glass fiber reinforced plastics and mineral-filled composites.

Typical Properties

Description	1,6-Bis(diethoxymethylsilyl)hexane
Product No.	ChangFu® BEX23
CAS No.	18536-21-5
Formula	C ₁₆ H ₃₈ O ₄ 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.