

ChangFu® EX22



2-(3,4-Epoxycyclohexyl)ethylmethyldimethoxysilane

Description ChangFu® EX22 is a specialty silane coupling agent containing an epoxycyclohexyl functional group and dialkoxy functional groups. The epoxycyclohexyl group has high reactivity and can be cross-linked with other compounds containing active hydrogen. Its special structure makes it have the ability to reduce the surface tension and improve the wettability of the material surface, thereby improving adhesion to other materials.

Features & Benefits React slowly with moisture/water.
Epoxy functional dialkoxy silane.
More reactive than glycidoxypentyl systems.

Applications Used as a coupling agent, adhesion promoter and surface modifier in various polymers such as coatings and adhesives.
Used as a crosslinking agent in the preparation of hybrid organic-inorganic compounds.
Used to produce corrosion-resistant protective coatings.
Used as a crosslinker and a bonding agent to improve water resistance and wet adhesion of latexes waterborne adhesives and sealants.

Typical Properties

Product No.	ChangFu® EX22
Description	2-(3,4-Epoxycyclohexyl)ethylmethyldimethoxysilane
CAS No.	97802-57-8
Formula	C ₁₁ H ₂₂ O ₃ Si
Purity	min 96%
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 Non-hazardous for transportation.