

Technical Data Sheet

ChangFu® EPC4

2,4,6,8-Tetramethyl-2,4,6,8-tetrakis(3-(oxiranylmethoxy)propyl)cyclotetrasiloxane



Description ChangFu® EPC4 is an organofunctional cyclic siloxane composed of four epoxy groups attached to a cyclic siloxane backbone. Due to its tetra functional type and specialty properties, it is mainly applied in the preparation of advanced electronic glue and adhesive.

Features & Benefits Cyclosiloxane containing tetrakisepoxy functional group.
Suitable for UV curable and epoxy formulations.
Can effectively reduce cure shrinkage.

Applications Used as a coupling agent, adhesion promoter and surface modifier in various polymers such as coatings, inks, 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 advanced adhesives and sealants.

Typical Properties

Description	2,4,6,8-Tetramethyl-2,4,6,8-tetrakis(3-(oxiranylmethoxy)propyl)cyclotetrasiloxane
Product No.	ChangFu® EPC4
CAS No.	60665-85-2
Formula	C ₂₈ H ₅₆ O ₁₂ Si ₄
Purity	N/A
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.