

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

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|-------------|---|
| 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 | min 95% |
| Color | Colorless or light yellow |
| Appearance | Clear liquid |

Package Offered in 25L PE pails and 200L PVF steel drums.
Custom packaging is available.

Storage Stored in a cool, well-ventilated place.
Keep container tightly closed.

Transportation See the corresponding Safety Data Sheet.