

### ChangFu® DPHK33



2-Hydroxy-4-(3-triethoxysilylpropoxy)diphenylketone

**Description** ChangFu® DPHK33 has played an important role in the development of cutting-edge materials because of its capacity to absorb ultraviolet radiation. Its unique structure and excellent characteristics make it an important additive in coatings, adhesives, and polymer matrices for increased durability and UV degradation resistance.

**Features & Benefits** Functional trialkoxy silane  
Reacts slowly with moisture/water  
Excellent UV blocking agent with strong antioxidant properties

**Applications** Used as a UV blocking agent in optically clear coatings for windows or glass external surfaces.  
Used as an additive to produce wear-resistant and extremely stable rubber for tires.  
Used as a surface treatment agent for degradable stone plastic masterbatch.  
Used in fabric finishing to block photochemical processes and increase light and sun resistance of fabrics.  
Used to modify calcium carbonate, create polyolefin microporous membranes applied in lithium batteries.

### Typical Properties

Product No.	ChangFu® DPHK33
Description	2-Hydroxy-4-(3-triethoxysilylpropoxy)diphenylketone
CAS No.	79876-59-8
Formula	C <sub>22</sub> H <sub>30</sub> O <sub>6</sub> Si
Purity	min 95%
Color	Amber
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.