

ChangFu® PO33E
2-(Triethoxysilyl)ethylphosphonic acid diethyl ester



Description	ChangFu® PO33E is a bifunctional organosilicon compound that combines the characteristics of silane coupling agents and phosphate functional additives, enabling efficient bonding and functional modification of inorganic materials and organic polymers.
Features & Benefits	Excellent coupling and adhesion promotion effect Outstanding protective performance on metal surfaces Enhanced flame retardancy and thermal stability
Applications	Used to treat inorganic fillers to improve their interfacial adhesion with polymers such as epoxy resin, phenolic resin and polyester. Used to metal surface treatment, forming a dense anti-corrosion protective film on the metal surface. Used as a crosslinking agent and synthetic monomer for organic-inorganic hybrid materials, preparing high-performance coatings and composite materials with flame retardancy, wear resistance and weather resistance.

Typical Properties

Description	2-(Triethoxysilyl)ethylphosphonic acid diethyl ester
Product No.	ChangFu® PO33E
CAS No.	757-44-8
Formula	C ₁₂ H ₂₉ O ₆ PSi
Purity	min 90%
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 the container tightly closed.
Transportation	See the corresponding Safety Data Sheet.