

ChangFu® PHN32
3-(Phenylamino)propyltrimethoxysilane



Description	ChangFu® PHN32 is an organic alkoxy silane which performs mainly as an amino functional silane coupling agent. It can modify the surface characteristics and enhance the dispersion, wettability of inorganic materials and nanoparticles.
Features & Benefits	Containing a phenyl and an amino functional group. Coupling agent suitable for UV cure and epoxy systems. Oxidatively stable coupling agent for polyimides, phenolics, epoxies. Excellent microparticle surface modification performance.
Applications	Used as an adhesion promoter or a primer in the paints, coatings, and sealants industries. Used as a surface modifying agent to improve the dispersion and compatibility of inorganic fillers and enhance the bonding between organic polymers and inorganic substrates. Used for silica surface modification and improve the anti-degradation of natural rubbers. Used in the resin casting and resin grinding industry to improve the adhesion and water resistance of resins and silica sand or abrasives.

Typical Properties

Description	3-(Phenylamino)propyltrimethoxysilane
Product No.	ChangFu® PHN32
CAS No.	3068-76-6
Formula	C ₁₂ H ₂₁ NO ₃ Si
Purity	min 95%
Color	Yellow to red-brown
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.