

Technical Data Sheet

ChangFu® BTA32

3-(Benzotriazol-1-yl)propyltrimethoxysilane



Description ChangFu® BTA32 is a specialty organosilicon containing trimethoxy groups and benzotriazole active functional groups. It possesses dual functions of silane coupling, metal corrosion inhibition, and light stabilization, making it suitable for various anti-corrosion coatings, composite materials, and metal surface treatment systems.

Features & Benefits Dual functionality.
Strong protective effect on metals.
Excellent weather resistance, UV resistance and oxidation resistance.

Applications Used as a coupling agent to enhance the adhesion of resin to inorganic substrates and metal frameworks, improving the material's resistance to media, and structural stability.
Used as absorbers/light stabilizers for high-performance composite materials (plastics, coatings, inks) to enhance the materials' corrosion resistance and weatherability.
Used in metal anti-corrosion coatings to improve coating adhesion and metal corrosion inhibition effect, significantly enhancing salt spray resistance, damp heat resistance, and acid-alkali resistance.

Typical Properties

Description	3-(Benzotriazol-1-yl)propyltrimethoxysilane
Product No.	ChangFu® BTA32
Purity	min 95%
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.