



Vinylbenzyl Amine-functional Silane LS-B6224

Description:

Chemical Name: Vinylbenzylaminofunctional trimethoxy silane

It is a reactive chemical containing styryl and amine organic groups and a trimethoxysilyl group. Possessing both organic and inorganic reactivity means the silane can react with organic resins and elastomers and glass fabric. As a coupling agent, it can be used either as an additive to a polymer or as a pretreatment on inorganic substrates.

It is hydrolyzed vinylbenzylaminoethylaminopropyltrimethoxysilane, 40% methanol - low chloride.

Equivalents: Dowsil 6224/Xiamter OFS-6224

Benefits

- Improved adhesion
- Increased dry and wet composite flexural strength
- Possesses both inorganic and organic reactivity
- Improved adhesion
- Increased dry and wet composite flexural strength
- Increased dry and wet composite tensile strength

Typical Technical Properties:

Appearance: Brown red liquid

Active content (%): 40-45

Density ($\rho_{20^{\circ}\text{C}}$, g/cm³): 0.960-0.980

Chloride Content: 3.1-3.8

Density (25°C, g/cm³): 0.890-0.915

Applications:

Finish on woven glass fabric for the reinforcement of resins to improve physical strength properties of the composites.

Coupling agent for glass-reinforced laminates.

Package & Storage:

In 170kg drum.

Keep in cool, dry and ventilated place. Keep away from open fire. Keep away from acid and alkali. Keep in unopened containers.

Storage beyond the shelf life does not necessarily mean that the product is no longer usable. In this case however, the properties required for the intended use must be checked for quality assurance reasons.