



Silane Polymer LS-O110

Description:

Chemical Name: Amino Silane Oligomer

Synonyms: Aqueous 3-aminopropylsilane hydrolysate; Aminofunctional alkoxy silanes

Equivalents: Dynasylan HYDROSIL 115

Typical Technical Properties:

Appearance: Colorless transparent liquid

Refractive Index (25°C): 1.3745±0.0050

Solid Content (%): 20-24

Flash Point: 80°C

Density(25°C, g/cm³): 1.06

Applications:

An amino-functional silane that serves as a bonding agent, enhancing the adhesion between inorganic materials and organic polymers, with advantages in water-based systems.

- Glass fiber and glass fabric composites: Used as a sizing component or finishing agent.
- Glass and metal primers: Enhances adhesion and performance.
- Mineral fiber insulation materials and abrasives: Added to phenolic resin binders to improve properties.
- Foundry resins: Incorporated as an additive in cold-curing phenolic and furan resins.
- Sealants and adhesives: Functions as a primer or additive in mineral-filled composites, either for pretreatment of fillers and pigments or as a direct additive.
- Paints and coatings: Acts as an additive or primer to enhance substrate adhesion.

Package & Storage:

In 25kg pail, 200kg drum, 1000kg IBC.

Keep in cool, dry and ventilated place. Keep away from sunlight and fire sources. 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.