

Silane USi-802

Phenyl functional organosilane

Product Description

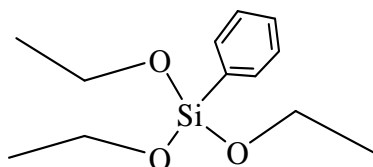
Chemical Name: Phenyltriethoxysilane

Synonyms: Triethoxyphenylsilane

CAS NO.: 780-69-8

EINECS No.: 212-305-8

Chemical structure:



- Mineral Fillers: as a surface modifier for the aluminum trihydrate (ATH) used as a filler in halogen-free flame-retardant (HFFR) cable insulation.
- Silicones: as a crosslinker in high-temperature silicone elastomers.
- Catalysts: as an electron donor ("A-donor") in the polymerization of polypropylene.

Applications

Silane USi-802 is an essential agent used in industries as below:

- Phenyl functional silane can improve thermal stability of other silanes.
- Phenyltrimethoxysilane can be used as other silanes and siloxanes intermediates and can be used as hydrophobic additive to other silane coupling agents.
- It is a material to produce macromolecular organosilicon compound

Typical Technical Data

The below values are not intended for use in preparing specifications. Please confirm with us prior to writing specifications on this product.

Appearance: Colorless transparent liquid

Specific Gravity ($\rho_{20^{\circ}\text{C},\text{g}/\text{cm}^3}$): 0.991~1.001

Refractive Index ($n_D^{25^{\circ}\text{C}}$): 1.4668 ~1.4768

Purity (by GC, %): 97.0 min

Safety & Storage

Customers should review the latest MSDS and label for product safety information, safe handling instructions, personal protective equipment if necessary, and any special storage conditions required for safety. MSDS is available at www.usi-chemical.com or upon request.

Store in a cool, dry place. Avoid light
When stored at normal temperature in the original unopened containers, this product has a usable life of 12 months from the date of production.

Packaging

In 25L pail, 200L drum and 1000L IBC

Contact Information

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