

Manta L310

Alkyl functional organosilane

Description

N-Octyltrimethoxysilane

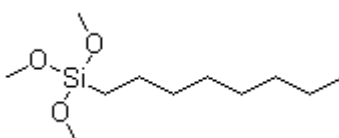
The Equivalent List

Manta	Momentive	Dow	Evonik	Wacker	Shin-Etsu
L310		Z-6665	OTMS		KBM-3083

Typical Physical Properties

Manta code:	L310
Chemical Name:	N-Octyltrimethoxysilane
Synonyms	Trimethoxyoctylsilane
CAS No. :	3069-40-7
EINECS No. :	221-338-7
Appearance:	Colorless transparent liquid
Purity (by GC, %)	98.0 min
Specific Gravity ($\rho_{20^{\circ}\text{C}}$, g/cm ³)	0.902-0.912
Refractive Index ($n_D^{25^{\circ}\text{C}}$):	1.4110 -1.4210

Chemical Structure:



Applications

- 1) Octyltrimethoxysilane can be used as a surface modifier to generate hydrophobicity (e.g. on concrete, glass, inorganic pigment, or mineral fillers)
- 2) When diluted with an appropriate solvent, it can be used in the formulation of water repellent products.
- 3) Upon proper application, the formulated product will penetrate and provide water repellency by chemically reacting with the cementitious substrate. Treated substrates are hydrophobic and retain their original appearance.

Packaging

In 20kg pail, 180kg drum and 900kg IBC

Safety and Storage

Keep in a cool and dry place and avoid storage in direct sunlight. Shelf life is 24 months. It is non-hazardous substance.

Contact Information

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