



Siloxane functional silane LS-624

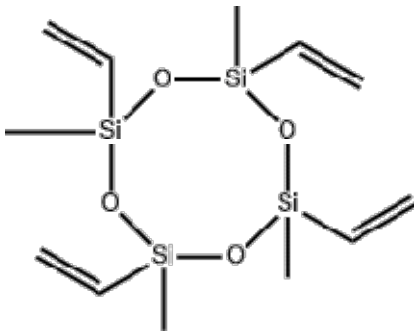
Description:

Chemical Name: Tetravinyltetramethylcyclotetrasiloxane

Synonyms: 2,4,6,8-tetramethyltetravinylcyclotetra-siloxane; V4

Equivalents: DOWSIL™ 1-2287 Intermediate, Dow MV- CYC-4

Molecular Structure:



Molecular Formula: $C_{12}H_{24}O_4Si_4$

Molecular Weight: 344.66

CAS NO.: 2554-06-5

EINECS NO.: 219-863-1

Typical Technical Properties:

Appearance: Colorless transparent liquid

Purity (%): 98.0min

Boiling Point: 224~224.5°C

Flash Point: 99°C

Refractive Index (25°C): 1.4300~1.4400

Density (25°C, g/cm³): 0.9970

Applications:

1. Mainly used for additives (intermediates) in the production process of high vinyl silicon oil, adding silicon rubber, liquid silicone, high ethylene silicon rubber, ethylene hydroxyl silicone oil, etc.

It is also one of the basic raw materials for synthesis of various silicon rubbers;

2. V4 and germ bromide quickly cross-coupling reactions. Under the participation of tetrafluorophene and catalysts, the coupled vinyl can be obtained under mild reaction conditions.

Package & Storage:

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

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