# **Technical Data Sheet**

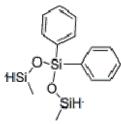


# Siloxane LS-615

### **Description:**

Chemical Name: 1,1,5,5-Tetramethyl-3,3-diphenyl-trisiloxane Synonyms: Bis(dimethylsiloxy)diphenylsilane; 1,3,3,5-Tetramethyl-1,5-diphenyltrisiloxane Equivalents:

Molecular Structure:



Molecular Formula: C<sub>16</sub>H<sub>24</sub>O<sub>2</sub>Si<sub>3</sub> Molecular Weight: 332.61706 CAS NO.: 17875-55-7 EINECS NO.: 241-828-4

## **Typical Technical Properties:**

Appearance: Colorless transparent liquid Refractive Index (25°C): 1.5330 Flash Point: 130°C Boiling Point: 133°C Density (25°C, g/cm<sup>3</sup>): 0.9936 Purity (by GC, %): 90.0 grade; 98.0 grade

## **Applications:**

Widely used as crosslinking agent of liquid silicone rubber, phenyl silicone rubber or phenyl resin, especially for LED encapsulation; Manufacturing dedicated medical products.

## Package &Storage:

#### In 20kg pail.

Keep in cool, dry and ventilated place. Keep away from sunlight and fire sources. Keep away from acid and alkali. Keep in unopened containers, shelf life is 6 months from the date of production.

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.

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