



Phenyl Functional Organosilane LS-M13

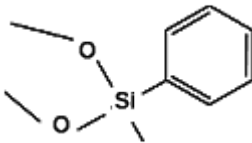
Description:

Chemical Name: Dimethoxymethylphenylsilane

Synonyms: Methylphenyldimethoxysilane; Phenylmethyldimethoxysilane

Equivalents:

Molecular Structure:



Molecular Formula: C₉H₁₄O₂Si

Molecular Weight: 182.29

CAS NO.: 3027-21-2

EINECS NO.: 221-192-4

Special Features:

Phenyl silane in a polymer reaction

Typical Technical Properties:

Appearance: Colorless transparent liquid

Purity (by GC, %): 99.0 min

Refractive Index (20°C): 1.4694~1.4820

Boiling Point: 200°C

Flash Point: 76°C

Density(20°C): 0.97

Applications:

1. Be widely used as raw material to make methyl phenyl silicone oils, phenyl resins, phenyl rubber; Such as a modifier for silicone fluids;
2. Be used in various organic polymers for improving heat resistance, oxidation-resistance and radiation resistance properties;
3. Be used in various paints and coatings, adhesives and sealants industries as an adhesion promoter and a surface modifier;
4. Be used as a silane crosslinker, silane coupling agent and an intermediate in pharmaceutical synthesis; Also suitable for high temperature vulcanized methyl phenyl silicone rubbers;
5. Play an important role in making electronic packaging materials and aerospace materials;
6. Bused as intermediates for other silanes to improve their thermal stability;
7. Be used as a hydrophobic additive for other silane coupling agents.

Package &Storage:

In 20kg pail, 190kg drum and 900kg IBC.

Keep in cool, well-ventilated place, and avoid exposure to humidity. Keep away from sunlight and fire sources. Keep in unopened containers, shelf life is 24 months from the date of production. It is shipped as non-hazardous substance.

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.