



Phenyl Siloxane LS-6345

Description:

Chemical Name: Methylphenyl mixed cyclic: Triphenyltrimethylcyclotrisiloxane,
Tetraphenyltetramethylcyclotetrasiloxane, Pentaphenylpentamethylcyclopentasiloxane
CAS NO.: 546-45-2 & 77-63-4 & 34239-75-3

Special Features:

Methylphenylcyclsiloxanes are mixtures of methylphenylcyclsiloxanes, including tricyclic, tetracyclic, and pentacyclic forms.

Typical Technical Properties:

Appearance: Colorless, transparent, oily liquid or
with white crystals

Purity (by GC, %): 98.0 min

Refractive Index (20°C): 1.54-1.55

Viscosity(mm²/s): 50-300

Boiling Point: 160-260°C, 0.13kPa

Flash Point: >200°C

Density (20°C, g/cm³): 1.08

Applications:

Methylphenylcyclsiloxane is a widely used organosilicon compound, referring to a cyclic siloxane containing both methyl and phenyl groups on a single silicon atom. High-purity methylphenylcyclsiloxane, free of trifunctional impurities, is one of the raw materials for preparing high-temperature vulcanized methylphenyl silicone rubber. Furthermore, methylphenylcyclsiloxane possesses good physiological inertness, excellent surface activity, aging resistance, UV radiation resistance, light transmittance, and is non-toxic and odorless. It can be widely used as a main ingredient and auxiliary agent in cosmetics, and also in the pharmaceutical and medical industries.

Package &Storage:

In 1kg fluorinated bottle, 25kg pail, 200kg drum.

Keep in cool, dry and ventilated place. Keep away from sunlight and fire sources. Keep in unopened containers, shelf life is 12 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.