

Phenyltrimethoxysilane
RUT PTMS

Application

Used as a raw material for the preparation of high molecular silicone compounds, a crosslinking agent for silicone resins. Additive in paints, adhesives.

Used in the synthesis of phenylsiloxane oils and weather-resistant polymer silicone coatings.

CAS No.

2996-92-1

Molecular Formula

$\text{C}_6\text{H}_5\text{Si}(\text{OCH}_3)_3$

Molecular Weight

198.3

Appearance & Property

Colorless transparent liquid, easy to dissolve in a variety of organic solvents.

Typical product data

content of Phenyltrimethoxysilane: $\geq 99.0\%$

color / Hazen unit Pt-Co scale: ≤ 30

refractive (n_d^{25}): 1.4700 ± 0.0050

density (ρ^{25} , g/cm³): 1.0670 ± 0.0050

boiling point: 233 °C

flash point (closed cup): 84°C

Hazard Class

Package Class

Package

Steel drums, IBC-containers.

Storage

Store in a cool, dry and ventilated place, protected from moisture and water, away from fire and heat.

Safety information

Use personal protective equipment, work in a well-ventilated area.