Technical Data Sheet

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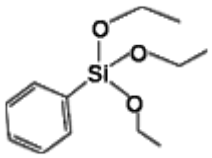
Phenyl Functional Organosilane LS-E11

Description:
Chemical Name: Phenyltriethoxysilane (Donor A)
Synonyms: Triethoxyphenylsilane
Equivalents: Dynasylan 9265; ShinEtsu KBE-103; Dowsil Z-9805; Wacker's P-TRIETHOXY;
Molecular Structure:



Molecular Formula: $C_6H_5Si(OC_2H_5)_3$
Molecular Weight: 240.37
CAS NO.: 780-69-8
EINECS NO.: 212-305-8

Special Features:
Phenyl silane used as crosslinking agent in high-temperature silicone elastomers, as an electron donor ("A-donor") .

Typical Technical Properties:

Appearance: Colorless transparent liquid	Boiling Point : 112-113°C
Purity (by GC, %): 98.0 min	Flash Point : 42°C
Refractive Index (20°C):1.4718±0.0050	Density: 0.996±0.0050

Applications:
1. Mainly used as a crosslinking agent in silicone resins and high-temperature silicone elastomers.
2. be used as a raw material for the preparation of polymer organic compounds, especially suitable for the preparation of phenyl silicone oil and silicone rubber.
3. Used as a hydrophobic agent on the surface of inorganic materials, such as wollastonite and aluminum trihydroxide.
4. Used as a dispersant and surface modifier for inorganic materials, and can also improve the thermal stability of other silanes.
5. Suitable as a hydrophobic additive for other silane coupling agents, such as for the production of silane crosslinking adhesives and sealants.
6. Used as an electron donor in the process of polypropylene polymerization.

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.