

VENOSIL-NOTE

PRODUCT IDENTIFICATION

- **Chemical Name:** N-Octyltriethoxysilane
- **Physical Form:** Clear Liquid
- **CAS Number:** 2943-75-1

Pipes and cables produced from silane-crosslinked polyethylene (PE-Xb) using VENLOSIL-NOTE are more resistant to heat and weathering than products made from non-crosslinked polyethylene. They also have improved electrical properties. Due to the fact that VENLOSIL-NOTE has octyl group which is hydrophobic hydrocarbon chain giving very good water repellency features, thus it is used to modify the construction surface e.g. concrete and masonry substrate to form a protective surface surrounding mineral particles.

SPECIFICATION

Properties	Test Methods	Units	Values
Specific Gravity (25 °C)	ASTM D 792	g/cm ³	1,035
Refractive Index (25 °C)	ASTM D-5125	-	1,427
Viscosity	ASTM D 3236	cSt	1-2
Boiling Point	ASTM D7169-11	°C	285
Flash Point	ASTM D92-18	°C	92

APPLICATIONS

- Grafting of VENLOSIL-NOTE
- VENLOSIL-NOTE as an additive in silane-crosslinking formulations Improves scratch resistance in vinyl latexes.
- VENLOSIL-NOTE as a co-monomer in polymer dispersions.

PACKAGING & STORAGE

- Packaging: 1 pallet is 850 kg & 950 kg IBC.
- VENLOSIL-NOTE should be stored in a manner that avoids direct exposure to sunlight and heat (T<30°C). This compound should be used within 1 year after its production date.

IMPORTANT NOTICE

Please read the Material Safety Data Sheet (MSDS) carefully before using this product.

