

VENOSIL-VTMOEO

PRODUCT IDENTIFICATION

- **Chemical Name:** Vinyl-tri(2-methoxyethoxy)silane
- **Physical Form:** Light Straw Liquid
- **CAS Number:** 1067-53-4

VENLOSIL-VTMOEO is used as a coupling agent in filled rubber compounds and also in reinforced/filled plastics, especially when these are filled with minerals fillers or flame retardants like ATH or $Mg(HO)_2$ when it used as a special coupling agent in EPDM, especially in wire and cables, VENLOSIL-VTMOEO can give better water resistance compared to others.

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

- Improves electrical properties and strengths of mineral filled EPDM rubber.
- Increases water resistance when modified polymer chains by copolymerization.
- Improves scratch resistance in vinyl latexes.
- Good bonding and adhesion on inorganic fillers or substrates.
- Enhances mechanical properties of fiber glass reinforced plastics e.g. unsaturated polyester.

PACKAGING & STORAGE

- Packaging: 1 pallet is 850 kg & 950 kg IBC.
- VENLOSIL-VTMOEO should be stored in a manner that avoids direct exposure to sunlight and heat ($T < 30^{\circ}C$). 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.

