

BOGISILAN™ VTMOEO

ORGANOFUNCTIONAL SILANE

PRODUCT IDENTIFICATION

Chemical Name: Vinyl-tri(2-methoxyethoxy)silane
Physical Form: Light straw-coloured liquid
CAS Number: 1067-53-4

BOGISILAN™ VTMOEO is used as a coupling agent in filled rubber compounds and reinforced or filled plastics, particularly in systems containing mineral fillers or flame retardants such as ATH or magnesium hydroxide. In EPDM wire and cable compounds, it can improve water resistance and bonding performance.

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 the electrical properties and strength of mineral-filled EPDM rubber
- Increases water resistance when incorporated into modified polymer chains by copolymerisation
- Improves scratch resistance in vinyl latexes
- Supports bonding and adhesion to inorganic fillers and substrates
- Enhances the mechanical properties of glass-fibre-reinforced plastics such as unsaturated polyester

PACKAGING & STORAGE

- **Packaging:** 1 pallet: 850 kg or 950 kg IBC.
- BOGISILAN™ VTMOEO should be stored away from direct sunlight and heat (T < 30°C). The product should be used within 12 months of its production date.

IMPORTANT NOTICE

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