

ICM 1000 Methyltrimethoxy Silane

Description

This additive is a silane that can readily react with a wide range of surfaces including organic polymers, glass, and ceramics.

Key Features

- Effective coupling agent
- Increases tensile, compression and modulus strength to composites
- Improves adhesion
- Effective at low concentrations and has great compatibility with organic polymers and inorganic fillers.

Key Applications

- Clay reinforced elastomers
- Adhesion promoter
- Nitrile rubber
- Abrasive composites

Application

ICM 1000 is composed of methyltrimethoxy silane. ICM 1000 is used in formulation in order to improve adhesion and strength to a variety of substrates.

Property

Product

Appearance

Color

Density

Specific Gravity A

Viscosity (cst)

Storage

Max Storage Temperature

Packaging

Shelf Life

Test Method

Value

Clear liquid

Clear

BS ISO
2781

1.037 g/cm³

1.037

5

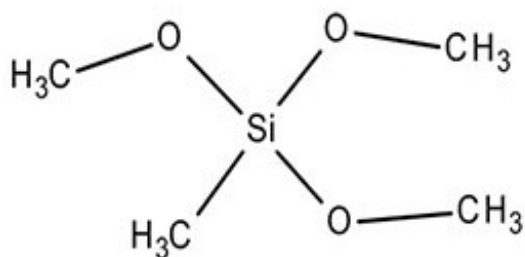
40 °C / 104 °F

40 lbs Pails or 441 lbs

Drums

24 mths

Structure of methyltrimethoxy silane



Use and Cure Information

This product is generally added to compositions at less than 1% in most formulations. Our product can be applied to surfaces as a dilute aqueous solution. It can also be mixed with water using light agitation.

Health & Safety

Read product and safety data sheets before handling this product for physical and health hazard information. The safety data sheet is available from your CHT representative.

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