

ICM 1004 Diaminofunctional 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
- Nitrile rubber
- Mineral reinforced nylon
- Abrasive composites

Application

ICM 1004 is aminoethylaminopropyltrimethoxy silane. It contains both organic and inorganic reactivity. ICM 1004 is can be used in formulation in order improve adhesion and strength to a variety of substrates.

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.

Property

Product

Appearance
Specific Gravity A
Viscosity (cst)

Storage

Max Storage
Temperature
Shelf Life

Test Method

Value

Clear liquid

1.02

7

40 °C / 104 °F

24 mths

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