

## 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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