

# Famasil DL-VM

## Silane Preparations on mineral carrier systems

### Description

Famasil DL-VM is dry liquid of a synergistic composition of vinyl and methacryl organosilanes in combination with a polymeric processing aid. Due to its unique composition, it often outperforms stand alone silane coupling agents through improved wetting and coupling characteristics. The bifunctional silanes provide chemical bonds between inorganic substrates or fillers and the organic polymer. In mineral filled polymers, the chemical connection to the filler results in improved mechanical and electrical properties, amongst others

### Composition

Synergistic combination of organofunctional silanes and processing aid absorbed on a mineral filler

### Application

As a coupling agent in plastic compounds or cables, e.g. PE/EVA based HFFR compounds with a high filler loading. Direct water contact will release flammable products. Open container only in a well ventilated area and avoid direct contact

### Dosage

1 – 4 phr

### Typical physical properties

		Unit
Colour	White powder	/
Liquid content	50	%
Ash, 2h at 950°C	38 – 43	%

### Benefits

For radical and peroxide cross-linking  
Does not form any toxic methoxyethanol  
Especially for highly loaded, flame retardent applications  
Combines wetting and coupling fillers, therefore improves physical properties as well as processing behavior

### Associated products

Deolink Amino TE 45 DL

### Storage

In originally sealed package in cool and dry places  
Storage stability: min. 12 months

### Supply Form

Aluminum laminated bags

### German Food Legislation (BfR recommendation XXI)

Not approved

### US Code of Federal Regulations, FDA – CFR Title 21, 177.2600

Not listed

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