

Name	Famasil DL VM		
Description	Coupling agent / activator		
Composition	Synergistic combination of organofunctional silanes and processing aid absorbed on mineral filler		
Appearance	white powder		
Analytical Values			
Liquid content [%]			50
Ash 2 h 950 °C [%]	DIN EN ISO 3451-1		38 - 43
Dosage	1 – 4 phr		
Supply Form	Aluminum laminated bags		
Storage Stability			
In originally sealed package, in a cool and dry place			min. 1 year

Properties and Effects

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, Famasil DL-VM 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.

The product form is a 50% active powder on ATH and Silica and enables easy incorporation.

Application

As a coupling agent in plastic compounds or cables, e.g. PE/EVA-based HFFR compounds with a high filler loading.

Handling

Direct water contact will release flammable products. Open container only in a well-ventilated area and avoid direct contact. Please refer to the material safety data sheet for further information.

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