

Name	Famasil FR-V6M6	
Description	bonding / curing agent	
Composition	synergistic combination of organofunctional silanes, polymeric processing aid and peroxide	
Appearance	colourless, clear liquid	
Analytical Values		
Silane content [%]		70
Refractive index [25 °C]	DIN 51423-2	1.4085 - 1.4115
Density at 25 °C [g/cm ³]	DIN EN ISO 12185	0.88 - 0.96
Dosage		
[phr]	0.5 – 2.0	
Supply Form	190 kg steel drum 25 kg can	
Storage Stability		
In originally sealed package in cool and dry places	min. 12 months	

Classification and Labelling

For detailed information, please refer to our Material Safety Data Sheet.

Properties and Effects

Famasil FR-V6M6 is a synergistic composition of vinyl and methacryl organosilanes in combination with organic peroxide and siloxane-based processing aid. 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 combination with organic peroxide provides an additional curing or grafting of the polymer system. Hydrophobising of the fillers results in an improved dispersion and compound processing.

Application

- In the plastic or cable industry for improved filler connection or as a curing agent
- Typically in polyolefin or HFFR compounds

Handling

Direct water contact will release flammable products. Open drums only in a well-ventilated area and avoid direct contact. We recommend permanent nitrogen flooding.

Any technical consultation provided by us merely constitutes a guideline without any committal - even with regard to any third party's rights - and will not dispense from the client's examination of the products supplied by us. Processing operations, application and use of our products will be the client's exclusive responsibility. We guarantee the faultless quality of our goods, as defined in our General Terms of Sale and Delivery.