

KBM-1003

Shin-Etsu Silicones of America, Inc.
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Product Description

KBM-1003 is a silane coupling agent which acts as an intermediary which bonds inorganic materials to organic materials. KBM-1003 can be used to improve interface adhesion and mechanical strength of composites and other surfaces.

Product Features

- Methoxy functionalized: Faster reacting than ethoxy functionalized silanes.
- Vinyl functionalized organic group. KBM-1003 is compatible with unsaturated polyester resins, sulfur cross-linked EPM and peroxide crosslinked EPDM. It is very effective when used with PE or PP resins.

Typical Applications

- Improve inorganic/organic substrate adhesion
- Improve mechanical strength of composite materials
- Inorganic surface modification (Vinyl functional group)
- Particularly effective when used for treatment of polyethylene or polypropylene surfaces

UN Hazard Classification

UN-1993

CAS No.

Vinyltrimethoxysilane, Cas No.2768-02-7

Typical Properties

Product type (taxonomy term)	Silane
Kind	Vinyl Silane Coupling Agent
Boiling Point °C	123
Specific Gravity	0.97
RI	1.391
Molecular Weight	148.200

Note: Values are not for specification purposes.

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