

Coupling Agent

Si-172 Silane coupling agent

DESCRIPTION

Vinyltri(2-methoxyethoxy)silane is a vinyl-functional coupling agent that promotes adhesion among unsaturated, polyester-type resins or crosslinked polyethylene resins, elastomers and inorganic substrates, including fiber glass, silica, silicates and many metal oxides. It improves bond of glass filament, adhesion of silicone and electrical properties.

TYPE

Vinyltri(β -methoxy ethoxy)silane

KEY

- Similar to A-172
- Improve adhesion and weather resistant
- Suitable for acrylic, vinyl and vinyl acrylic resin
- Improve resistant to high temperature and excellent mechanic strength
- Improve dispersion of mineral in the unsaturated resin

FEATURES

TYPICAL

Appearance	Clear liquid
Active content (%)	$\geq 98\%$
Density (g/cm³)	1.033 ~ 1.035
Colour (Pt-Co)	<25
Molecular weight	280.4
CAS No.	1067-53-4

PROPERTIES

APPLICATION

- Sealant and adhesive
- XLPE cable/PEX pipe
- Silane modified acrylic resin
- Miner filler

STORAGE

AND

HANDLING

- Available in 25 kg/drum
- Store products in tightly closed original containers at 5-40°C
- Shelf life: 12 months from delivery date
- According to non-dangerous goods transport