

Coupling Agent

KH-570 Silane coupling agent

DESCRIPTION

KH-570 Silane coupling agent contains active groups that can react chemically with both the inorganic and organic substances, which can couple the organic substances and the inorganic substances, and can greatly improve the electrical property, resistance to water, acid/alkali and weathering. It is mainly used as surface treatment agent of glass fibre, also widely used in the surface treatment of micro glass bead, silica hydrated white carbon black, talcum, mica, clay, fly ash etc. It can also enhance the over-all property of polyester, polyacrylate, PNC and organosilicon etc.

TYPE

γ -methacryloyloxypropyltrimethoxysilane

KEY

- Similar to A-174
- High active content
- Used to functionalize resins via radical initiated processes-copolymerization or grafting and to modify surfaces.

FEATURES

TYPICAL

Appearance Clear liquid

Active content (%) $\geq 97\%$

Density (g/cm³) 1.043 ~ 1.053

PROPERTIES

Colour (Pt-Co) <30

Molecular weight 248

CAS No. 2530-85-0

APPLICATION

- Wire and Cable
- Coatings, adhesives and sealants
- Unsaturated polyester composites
- Glass fiber and glass fiber reinforced plastic
- Unsaturated resin, EPDM, ABS, PVC, PE, PP, PS etc.

STORAGE

- 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

AND

HANDLING