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Silane coupling agent AP-S1021

Introduction:

ChemicalName: Vinyltrimethoxysilane
CAS NO. : 2768-02-7
Molecular Formula: $\text{CH}_2=\text{CHSi}(\text{OCH}_3)_3$
Foreign Company's Trademark:
A-151(America Union Carbon)
Q9-6300(Dowcorning)
KBM-1003(ShinEtsu)
XL10(Wacker)
VTMOEO(Degussa)

Typical Physical Properties:

Determined on commercial material whose properties may vary within the specification limits.

Physical Form: Clear liquid

Specific Gravity at 20°C: 0.970±0.005

Refractive Index, nD 25°C: 1.3930±0.0005

Purity, % : Min 98.0

Water Solubility: Slightly soluble

Boiling Point: 123°C

Applications:

- (1) With the function of both coupling agent and crosslinking agent, its suitable polymers include polyethylene, polypropylene, unsaturated polyester, etc.
- (2) It can be used to improve the affinity of glass fibre, inorganic fillers and resin to react with vinyl, usually used in cable and pipe of silane crosslinked polyethylene.

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