

PROMOTER KS 075

CHEMICAL NAME: gamma-methacryloxypropyltrimethoxysilane
FORMULA CHIMICA: $\text{CH}_3\text{CCH}_2\text{COO}(\text{CH}_2)_3\text{Si}(\text{OCH}_3)_3$
CAS: 2530-85-0
EINECS: 219-785-8

APPLICATIONS: **Promoter KS 075** is a methacryloxy-functional silane that is used as a coupling agent to improve adhesion of free radical cured resins. It's used also as a surface modifier for fillers and pigments used in thermosetting plastics (polyacrylates, polyesters).
Suitable Polymers: Acrylic, Silicone, Butyl, Polyester, Polyether, Polyolefin, etc.

SPECIFICATION:

Content, (by GC)	98% min
Refractive Index, nD (25°C)	1.4260 – 1.4300
Specific Gravity, I (25/25)	1.030 – 1.060
Color (Pt/Co)	30 max.

TYPICAL PHYSICAL PROPERTIES:

Appearance	Colourless to pale yellowish liquid
Molecular Weight	248.4
Specific Gravity, I (25/25)	1.045
Boiling Point, (730 mm Hg)	255 °C (491°F)
Refractive Index, nD (25°C)	1.429
Flash Point*	108 °C (226°F)

* Determined by ASTM Method D 93 using the Pensky-Martens closed cup