

PROMOTER KS 055

CHEMICAL NAME: 3-Aminopropyltriethoxysilane

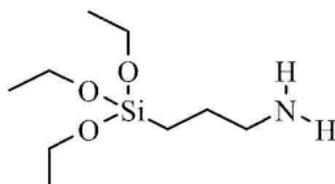
FORMULA CHIMICA: C₉H₂₃NO₃Si

CAS: 919-30-2

EINECS: 213-048-4

MOLECULAR WEIGHT: 221.37

MOLECULAR STRUCTURE:



EQUIVALENT BRAND: -**Momentive:** A-1100 -**Shin-Etsu:** KBE-903 -**Evonik:** AMEO

APPLICATIONS:

The product can be used to couple organic polymer and inorganic fillers, reinforcing the bond to improve the mechanical, electrical, water-resistant, and antiaging properties of the product.

PROMOTER KS 055 can greatly improve dry and wet bending strength, compression strength, shear strength and other physical mechanical properties, and wet electric properties.

PROMOTER KS 055 also improves the wetting property and dispersion of stuffing into polymer.

When used in the sand casting of resin, **PROMOTER KS 055** can strengthen adhesion, improve profile sand strength and antiwetting property. When added into phenol aldehyde in the production of glass fibre cotton and mineral cotton, it can improve moisture proof property and strengthen compression elastic resilience.

It is also an excellent adhesion improver used in polyamide, epoxy, nitrile, phenol aldehyde adhesive and sealed material. It improves the dispersion of pigment and the adhesion to glass, aluminum, iron. Furthermore, it can be used to produce amino silicone oil and latex.

TYPICAL PHYSICAL PROPERTIES:

Appearance	Colorless, transparent liquid
Assay, %	≥ 98
Specific Gravity at 25/25°C	0.945 - 0.955
Boiling Point, °C	217
Refractive Index, nD25°C	1.415 – 1.425
Flash Point, °C	96

PACKING:

This product is available in 25kg plastic pail, 200kg steel drums, IBC and ISO Tank.

STORAGE:

Should be stored in dry, cool, ventilated room; keep away from water, moisture, high temperature and fire.