Andisil® 186 Silane

CAS# 3388-04-3

Distributed By: R.E. CARROLL, INC.
1570 NORTH OLDEN AVENUE
TRENTON, NJ 08638-3204
T: 609-695-6211/800-257-9365
F: 609-695-0102   www.recarroll.com

TYPICAL PROPERTIES*

CHEMICAL NAME	2-(3,4-Epoxycyclohexyl)ethyltrimethoxysilane
EMPIRICAL FORMULA	$C_{11}H_{22}O_4Si$
MINIMUM PURITY	> 98%
APPEARANCE	Colorless to transparent liquid
MOLECULAR WEIGHT	246.38
REFRACTIVE INDEX	1.427
FLASH POINT	112 °C
SPECIFIC GRAVITY	1.07g/ml

* These properties are not intended to be used as specifications but only as suggested characteristics

APPLICATION

- Epoxy functional silane used as an adhesion promoter (coupling agent) for organic/inorganic interfaces, as a surface modifier (e.g. regulating surface polarity) or as a crosslinking agent (moisture-curing of polymers)

- When used as coupling agent, it generally reduces the sensitivity of the products' mechanical and electrical properties to heat and/or moisture

- Soluble in water after hydrolysis, alcohol, acetone and most aliphatic esters at normal application levels under five percent.

- Hydrolysis releases

STORAGE & SHELF LIFE

The shelf life, when the container is stored unopened and under proper conditions above 50 °F, is expected to be a minimum of three (3) years.

PACKAGING

Andisil® 186 Silane is available in 440 pound net weight drums or 40 pound pails. Other packaging options may be available upon request.

For additional information on the product, please contact your Sales Representative.

Andisil.COM