Vinyltrimethoxysilane

Vinyltrimethoxysilane · RS-VTMS · CAS 2768-02-7 · Technical Data Sheet · RawSource · rawsource.com/product/vinyltrimethoxysilane/

CAS NO.	PRODUCT CODE	PRODUCT TYPE
2768-02-7	RS-VTMS	Organofunctional silane · polymer grafting and crosslinking agent

Vinyltrimethoxysilane can be grafted onto the main chain of polyethylene and other polymers. The grafted side chain provides active sites for warm-water crosslinking.

DISTRIBUTED BY
RawSource Inc.
515 E Las Olas Blvd, Suite 1301, Fort Lauderdale, FL 33301
305-307-6515 · solutions@rawsource.com · rawsource.com
Product page: rawsource.com/product/vinyltrimethoxysilane/
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GENERAL INFORMATION

Chemical name	Vinyltrimethoxysilane
Molecular formula	$C_5H_{12}O_3Si$
Molecular weight	148.2

TYPICAL PROPERTIES

Boiling Point	123 °C	Flash Point	22 °C, Pensky-Martens Closed Cup

Typical values are representative of the product and are not specifications.

RELEASE SPECIFICATION

PARAMETER	SPECIFICATION	TYPICAL
Appearance	Colorless Transparent Liquid	Conform
Assay	99.0 % min	99.14 %
Refractive Index, 20 °C	1.3880 – 1.3980	1.3895

Each lot is released against this specification. Lot-specific results are reported on the Certificate of Analysis that ships with every delivery.

APPLICATIONS

- Modification of polyethylene and other polymers by grafting
- Grafted polyethylene for cable shields, insulation and tubes
- Extruded and pressed products from grafted polyethylene

Applications are those stated for the product. Confirm suitability for each formulation by trials.

PACKAGING AND SHELF LIFE

- 25 kg drums
- 200 kg drums
- 1,000 kg IBC
- ISO tank
- Shelf life: 12 months from production date.

The information in this Technical Data Sheet is provided for technical evaluation and is believed to be accurate as of the issue date. Typical values are representative and do not constitute a warranty. Binding specifications are those stated on the lot-specific Certificate of Analysis and in the sales contract. Users should verify suitability for their own process and regulatory requirements. Refer to the Safety Data Sheet before handling. Questions: solutions@rawsource.com.