

ESUNG

ESL8112

Technical Data Sheet

Chemical name	Dimethyldimethoxysilane. (DMDMS)
CAS/EINECS No	1112-39-6 / 214-189-4
Structural formula	$\begin{array}{c} \text{CH}_3 \\ \\ \text{CH}_3 - \text{Si} - \text{OCH}_3 \\ \\ \text{OCH}_3 \end{array}$
Molecular formula	120.22
Appearance	Colorless clear liquid
Density (g/ml)	0.865 (25°C)
Boiling Point	82°C
Flash Point	-8°C
Refractive index	1.3708 (25°C)
Purity (By GC)	98%
Key Feature	<ul style="list-style-type: none">- Since the products have SiOMe bond, They produce SiOH radical, when they are hydrolyzed, causing condensation with various functional groups.- The products produce silicone resin film through hydrolysis.
Applications	<ul style="list-style-type: none">- Materials for producing silicone resin film or for powder treatment- It's used for the synthesis of chemical intermediates. It's used for hydrophobization of surfaces, like glass, pigments etc.
Property & Storage	<ul style="list-style-type: none">- Avoid direct sunlight and store the product at 0°C or above in a dark and cool area with little moisture- Keep out of the reach of children- Since alkoxy silanes react with air moisture to generate methanol, tightly seal and store them in a moist- free area
Package	20kg pail

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