

Andisil® 2100 Silane

CAS# 3179-76-8



TYPICAL PROPERTIES*

CHEMICAL NAME	Aminopropylmethyldiethoxysilane
EMPIRICAL FORMULA	C ₈ H ₂₁ NO ₂ Si
MOLECULAR WEIGHT	191.34
BOILING POINT °C/mmHg	85 - 88 / 8
FLASH POINT	68 °C

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

APPLICATION

Coupling agent for foundry resins.

SPECIFICATION

CHARACTERISTIC	HIGH PURITY	LOW PURITY	TECHNICAL GRADE
Color (APHA)	≤ 10	≤ 20	≤ 30
GC Purity (%)	≥ 97%	≥ 95%	≥ 90%
Density (25 °C g/cm ³)	0.905 - 0.925		
Refractive Index (25°C)	1.420 - 1.430		
Viscosity (25°C, cSt)	1.50 - 1.90		

STORAGE & SHELF LIFE

After the containers have been opened, Andisil® 2100 Silane should be protected from atmospheric moisture to prevent gellation. When stored at or below 25 °C (77 °F) in the original unopened containers, this product has a shelf life a minimum of two (2) years.

HANDLING

When exposed to moisture, Andisil® 2100 Silane hydrolyses, generating ethanol. Appropriate measures should be taken to prevent the accumulation of hazardous concentrations of ethanol fumes in the working environment. Andisil® 2100 Silane causes severe irritation to eyes and irritation to skin, flush immediately with large amounts of water and obtain prompt medical attention. When handling Andisil® 2100 Silane wear goggles or face shield and impervious gloves. Product safety information required for safe use is not included. Before handling, read product and safety data sheets, physical and health hazard information.

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

Andisil®

We believe that the information shown in this Product Bulletin to be an accurate description of the typical characteristics and/or uses of the product. Any suggestions of uses are not to be taken as an inducement to infringe any particular domestic or foreign patent. We recommend that the product be thoroughly tested for a specific application to determine the performance, efficacy and its safe handling and use.

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