

Andisil® 158 Silane

CAS# 15332-99-7



TYPICAL PROPERTIES*

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|---------------------------|-------------------------------|
| CHEMICAL NAME | Vinyltris(isopropenoxy)silane |
| APPEARANCE | Colorless, transparent liquid |
| EMPIRICAL FORMULA | $C_{18}H_{30}O_3Si$ |
| MINIMUM PURITY | > 90% |
| DENSITY G/CM ³ | 0.926 |
| BOILING POINT °C/mmHg | 73-75 °C |
| FLASH POINT | 38 °C |
| REFRACTIVE INDEX | 1.4360 +/- 0.0005 |

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

APPLICATION

Andisil® 158 Silane is a high performing crosslinker for one component moisture cure RTV silicones. Its relatively low MW can reduce the total crosslinker requirement by ~25% as compared to an oxime crosslinker.

- As it cures it releases acetone, which is VOC exempt. Due to this, Andisil® 158 Silane contributes no VOCs to the finished RTV allowing for very low VOC RTVs to be formulated
- Due to acetone's neutral character, Andisil® 158 Silane can even be used on corrosion sensitive substrates such as metal and marble
- Preferred crosslinker for use in oxime silicone sealants
- Very fast curing RTV with excellent adhesion and good shelf stability can be obtained
- Andisil® 158 Silane offers superior quality to the production of silicone rubber

STORAGE & SHELF LIFE

When stored at or below 25 °C (77 °F) in the original unopened containers, this product has a shelf life of a minimum of two (2) years.

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

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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