

Andisil® TL

Tin Catalysts



TYPICAL PROPERTIES*

| Characteristic | Andisil® TL 10 | Andisil® TL 28 |
|-----------------------------|----------------------------|----------------------------|
| CHEMICAL NAME | Dibutyltin dilaurate | Dimethyltin dineodecanoate |
| CAS # | 77-58-7 | 68928-76-7 |
| APPEARANCE @ 25 °C | Colorless to yellow liquid | Yellowish liquid |
| TIN CONTENT, % | 17.0 - 19.0 | 22.5 - 24.5 |
| DENSITY @ 25 °C | 1.07 | 1.11 - 1.14 |
| BOILING POINT AT 12 mmHg | > 204 °C | N/A |
| FLASH POINT, TAG CLOSED CUP | ~113 °C | ~153 °C |
| REFRACTIVE INDEX (25 °C) | 1.471 | 1.462 |

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

OVERVIEW

Andisil® TL products are high activity liquid catalysts used in the condensation cure of silicones, and the synthesis of polyurethanes & esters.

FEATURES

- Promotes rapid gelation and tack-free dry time.
- Improves mechanical properties in molded and slabstock foams.

APPLICATIONS

- One Part RTV silicone formulations such as adhesives & sealants
- Polyurethane elastomers
- Polyurethane adhesives & sealants
- Polyurethane coatings
- Esterifications

REACTIVITY

Andisil® TL products are very stable in aqueous solutions, but in alkaline solutions at room temperature, hydrolysis will occur.

SOLUBILITY

- Andisil® TL products are soluble in most common solvents such as benzene, toluene, ethanol, acetone, ethyl acetate, chloroform, carbon tetrachloride, benzene, ethanol, petroleum ether and various industrial plasticizers.
- Andisil® TL products are insoluble in water.

PACKAGING

Andisil® TL packaging options are available upon request.

STORAGE & SHELF LIFE

The shelf life, when the container is stored unopened and under proper conditions (at ambient temperatures or below 50 °F - do not allow to freeze), is expected to be a minimum of twelve months. It is not recommended to store the product outdoors since the material can become contaminated with water or moisture over time due to weather conditions.

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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