# Andisil® VS

## TYPICAL PROPERTIES*

### VINYL POLYMERS

| PRODUCT NAME | VINYL CONTENT | VISCOSITY |
|---|---|---|
| Andisil® VS 6 | 3.00 mmoles/gm | 6 cSt |
| Andisil® VS 10 | 1.70 mmoles/gm | 10 cSt |
| Andisil® VS 20 | 1.20 mmoles/gm | 20 cSt |
| Andisil® VS 50 | 0.80 mmoles/gm | 50 cSt |
| Andisil® VS 100 | 0.37 mmoles/gm | 100 cSt |
| Andisil® VS 200 | 0.25 mmoles/gm | 200 cSt |
| Andisil® VS 250 | 0.22 mmoles/gm | 250 cSt |
| Andisil® VS 400 | 0.19 mmoles/gm | 400 cSt |
| Andisil® VS 500 | 0.15 mmoles/gm | 500 cSt |
| Andisil® VS 1,000 | 0.11 mmoles/gm | 1,000 cSt |
| Andisil® VS 2,000 | 0.08 mmoles/gm | 2,000 cSt |
| Andisil® VS 4,000 | 0.07 mmoles/gm | 4,000 cSt |
| Andisil® VS 5,000 | 0.06 mmoles/gm | 5,000 cSt |
| Andisil® VS 10,000 | 0.05 mmoles/gm | 10,000 cSt |
| Andisil® VS 20,000 | 0.04 mmoles/gm | 20,000 cSt |
| Andisil® VS 65,000 | 0.03 mmoles/gm | 65,000 cps |
| Andisil® VS 80,000 | 0.024 mmoles/gm | 80,000 cps |
| Andisil® VS 100,000 | 0.02 mmoles/gm | 100,000 cps |
| Andisil® VS 165,000 | 0.015 mmoles/gm | 165,000 cps |

### SPECIALTY POLYMERS

| PRODUCT NAME | VINYL CONTENT | VISCOSITY |
|---|---|---|
| Andisil® VDM 500 | 0.28 mmoles / gm | 500 cSt |
| Andisil® VDM 65,000 | 1.30 mmoles / gm | 65,000 cP |
| Andisil® MV 2,000 | 0.06 mmoles/gm | 2,000 cSt |

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

## DESCRIPTION - VINYL POLYMERS

Andisil® Vinyl Polymers are vinyl-terminated dimethylpolysiloxanes that are available in a variety of viscosities. They can be used as base polymers or as blend polymers in order to create the desired hardness. These polymers can be cured with silicon-hydride crosslinkers and a platinum catalyst. Low volatility polymers are available upon request.

## DESCRIPTION - SPECIALTY POLYMERS

Andisil® VDM 500 & 65,0000 Polymers are vinylmethyl-dimethyl polysiloxane copolymers that are also vinyl-terminated. The products have pendant vinyl groups along the polymer backbone to enhance the crosslink density of the cured RTV (Room Temperature Vulcanization).

Andisil® MV 2,000 polymer is a partially mono-functional vinyl polymer to reduce the durometer of the RTV formulation with minimal bleeding of fluid from the cured material. It may slow the curing of the RTV, but with the use of a faster platinum catalyst, it will help give a good normal cure.

## STORAGE & SHELF LIFE

The shelf life, when the container is stored unopened and under proper conditions (in temperatures above 35 °F – do not allow to freeze), is expected to be a minimum of three years from the date of manufacture.

## PACKAGING & HANDLING

The Andisil® Vinyl Polymers are supplied in 440 pound net weight steel lined drums, other packaging options are available upon request.

Also offered in EU compliant grades (< 0.1% D4-D6). Please inquire for more information.

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.

AB Specialty Silicones | 3725 Hawthorn Court | Waukegan, IL 60087

✆ 847.599.7765 | ✉ info@andisil.com

Rev 11-S0-5/25