

Andisil® XL



TYPICAL PROPERTIES*

THE PENDANT SERIES

| PRODUCT NAME | SiH CONTENT | VISCOSITY |
|----------------|----------------|-----------|
| ANDISIL® XL-1B | 0.95 mmoles/gm | 100 cSt |
| ANDISIL® XL-10 | 7.55 mmoles/gm | 45 cSt |
| ANDISIL® XL-11 | 4.35 mmoles/gm | 45 cSt |
| ANDISIL® XL-12 | 1.10 mmoles/gm | 500 cSt |
| ANDISIL® XL-13 | 3.80 mmoles/gm | 100 cSt |
| ANDISIL® XL-15 | 3.15 mmoles/gm | 40 cSt |
| ANDISIL® XL-17 | 1.95 mmoles/gm | 50 cSt |

The **Pendant Series** has random pendant silicon-hydride functionality and are trimethylsiloxy-terminated.

THE HYBRID SERIES

| PRODUCT NAME | SiH CONTENT | VISCOSITY |
|------------------|----------------|-----------|
| ANDISIL® XL-1340 | 3.00 mmoles/gm | 50 cSt |
| ANDISIL® XL-1341 | 4.20 mmoles/gm | 40 cSt |
| ANDISIL® XL-1342 | 8.60 mmoles/gm | 50 cSt |

The **Hybrid Series** has both pendant and terminal silicon-hydride functionality which results in improved crosslink density.

THE SPECIALTY SERIES

| PRODUCT NAME | SiH CONTENT | VISCOSITY |
|-------------------|----------------|-----------|
| ANDISIL® XL-2450 | 3.00 mmoles/gm | 400 cSt |
| ANDISIL® XL-2460 | 3.85 mmoles/gm | 350 cSt |
| ANDISIL® XL-245PT | 8.50 mmoles/gm | 2.5 cSt |

The **Specialty Series** is for use with high phenyl containing polymers (>13 mole % phenyl) for which solubility is an important consideration.

THE CHAIN EXTENDER SERIES

| PRODUCT NAME | SiH CONTENT | VISCOSITY |
|-----------------|----------------|-----------|
| ANDISIL® CE-4 | 2.90 mmoles/gm | 4 cSt |
| ANDISIL® CE-13 | 1.60 mmoles/gm | 14 cSt |
| ANDISIL® CE-500 | 0.16 mmoles/gm | 500 cSt |

The **Chain Extender Series** have terminal silicon-hydride functionality. This is beneficial in aiding the formulator by building molecular weight of the linear vinyl fluids in-situ during the curing reaction.

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

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.

DESCRIPTION

Andisil® crosslinkers and chain extenders are reactive silicon-hydride containing polysiloxanes that can be used in addition cure systems with Andisil® VS polymers or Andisil® Reactive Methyl Phenyl polymers and a Andisil® platinum catalyst. They are available in various viscosities and silicon-hydride contents.

STORAGE & SHELF LIFE

The shelf life, when the container is stored unopened and under proper conditions, is expected to be a minimum of two years.

PACKAGING & HANDLING

The Andisil® Crosslinkers & Chain Extenders are supplied in 440 pound net weight plastic drums, other packaging options are available upon request.

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