

Andisil® VQM



TYPICAL PROPERTIES*

PRODUCT	ODOR	REFRACTIVE INDEX @ 20 °C	VISCOSITY@ 25 °C	VINYL CONTENT
ANDISIL® VQM 0.6	None	1.406	600 cps	0.3 mmole/gm
ANDISIL® VQM 1	None	1.406	1,200 cps	0.24 mmoles/gm
ANDISIL® VQM 6	None	1.406	6,000 cps	0.22 mmoles/gm
ANDISIL® VQM 60	None	1.406	60,000 cps	0.20 mmoles/gm
ANDISIL® VQM 100	None	1.406	100,000 cps	0.52 mmoles/gm
ANDISIL® VQM 1040	None	1.406	15,000 cps	0.40 mmoles/gm
ANDISIL® VQM 2050	None	1.406	500 cps	1.1 mmoles/gm

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

DESCRIPTION

Andisil® VQM Products are additives for the improvement of mechanical properties of addition cured silicone elastomers. The curing mechanism of vinyl-functional silicone polymers (Andisil® VS) is a platinum catalyzed addition reaction with silicone crosslinkers containing silicon-hydride groups. The mechanical properties of the unfilled RTV are rather poor. Therefore the properties are improved with the addition of appropriate fillers i.e. carbon black, fumed or precipitated silica and other fillers well known to formulators with expertise in compounding silicones.

Andisil® VQM Products are comprised of vinyl-functional silicone polymers and vinyl-functional QM-resins. The product group is beneficial in formulating filler free, transparent systems which require good mechanical properties. The products will also enhance improvement of mechanical properties of filled formulations.

STORAGE & SHELF LIFE

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

PACKAGING & HANDLING

Andisil® VQM is available in a 440 pound net weight container.

For additional information on these products, 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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Rev 11-SO-5/25