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Silicone Vinyl Fluids

typical properties*

VINYL POLYMERS

Product name	Vinyl content	Viscosity
ACCESS SFV 6	3.00 mmoles/gm	6 cSt
ACCESS SFV 10	1.70 mmoles/gm	10 cSt
ACCESS SFV 20	1.20 mmoles/gm	20 cSt
ACCESS SFV 50	0.80 mmoles/gm	50 cSt
ACCESS SFV 100	0.37 mmoles/gm	100 cSt
ACCESS SFV 200	0.25 mmoles/gm	200 cSt
ACCESS SFV 250	0.22 mmoles/gm	250 cSt
ACCESS SFV 400	0.19 mmoles/gm	400 cSt
ACCESS SFV 500	0.15 mmoles/gm	500 cSt
ACCESS SFV 1,000	0.11 mmoles/gm	1,000 cSt
ACCESS SFV 2,000	0.08 mmoles/gm	2,000 cSt
ACCESS SFV 4,000	0.07 mmoles/gm	4,000 cSt
ACCESS SFV 5,000	0.06 mmoles/gm	5,000 cSt
ACCESS SFV 10,000	0.05 mmoles/gm	10,000 cSt
ACCESS SFV 20,000	0.04 mmoles/gm	20,000 cSt
ACCESS SFV 65,000	0.03 mmoles/gm	65,000 cps
ACCESS SFV 80,000	0.024 mmoles/gm	80,000 cps
ACCESS SFV 100,000	0.02 mmoles/gm	100,000 cps
ACCESS SFV 165,000	0.015 mmoles/gm	165,000 cps

SPECIALTY POLYMERS

Product name	Vinyl content	Viscosity
ACCESS SFVDM 500	0.28 mmoles / gm	500 cSt
ACCESS SFVDM 65,000	1.30 mmoles / gm	65,000 cP
ACCESS SFMV 2,000	0.06 mmoles/gm	2,000 cSt

*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.

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 - vinyl polymers

ACCESS Vinyl Polymers are vinyl-terminated dimethylpolysiloxane 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

ACCESS SFVDM 500 & 65,000 Polymers are vinyl methyl-dimethyl polysiloxanes 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).

ACCESS SFMV 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 twelve months.

packaging & handling

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