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typical properties*

APPEARANCE @ 25°C	Clear - slightly hazy colorless liquid
SPECIFIC GRAVITY @ 25°C	0.98
REFRACTIVE INDEX @ 25°C	1.4058

ACCESS silanol functional fluids

PRODUCT NAME	DESCRIPTION
SFR OH 30	Low viscosity ~ 6% silanol fl, 30 cSt
SFR OH 40	Low viscosity 3.5% silanol fl, 40 cSt
SFR OH 70	Low viscosity 1.25% silanol fl, 70 cSt
SFR OH 750	Silanol terminated 750 cps.
SFR OH 1,000	Silanol terminated 1,000 cps.
SFR OH 2,000	Silanol terminated 2,000 cps.
SFR OH 3,500	Silanol terminated 3,500 cps.
SFR OH 4,000	Silanol terminated 4,000 cps.
SFR OH 6,000	Silanol terminated 6,000 cps.
SFR OH 14,000	Silanol terminated 14,000 cps.
SFR OH 20,000	Silanol terminated 20,000 cps.
SFR OH 50,000	Silanol terminated 50,000 cps.
SFR OH 80,000	Silanol terminated 80,000 cps.
SFR OH 300,000	Silanol terminated 300,000 cps.
SFR MOH 100	Monofunctional Silanol Polymer, 100 cSt
SFR MOH 1,000	Monofunctional Silanol Polymer, 1,000 cSt
SFR MOH 10,000	Monofunctional Silanol Polymer, 10,000 cSt
SFR MOH 50,000	Monofunctional Silanol Polymer, 50,000 cps

*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 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.

TECHNICAL DATA SHEET

ACCESS OH Silanol Fluids

(CAS# 70131-687)

description

ACCESS® OH Polymers are a series of hydroxyl or silanol functional fluids with various viscosities and silanol contents. They are useful in the treatment of fillers and as Anti-Structuring additives in high consistency silicone rubber and silicone Room Temperature Vulcanizing (RTV) formulations. The low viscosity grades can be used as reactive diluents for high viscosity polymers to adjust the overall viscosity of the formulation. They have excellent stability and can be used with catalytic amounts of ammonium carbonate to treat reinforcing fillers in-situ. ACCESS® OH products are pure and do not contain any plasticizers or additives.

Curing of the ACCESS® OH series can be achieved by all usual condensation crosslinkers (i.e. alkoxy silanes, oxime silanes, acetoxy silanes) in conjunction with catalysts—the use of dibutyl tin dilaurate or stannous octoate have been found effective as catalysts for these reactions.

storage & shelf life

The shelf life, when the container is stored unopened and under proper conditions, is expected to be a minimum of twelve months. It is recommended to ground the container when pouring or weighing a quantity into another container or vessel to eliminate the chance of a static discharge.

ACCESS® OH Fluids must not be in contact or mixed with strong bases or alkali such as sodium hydroxide and potassium hydroxide to prevent the material from gelling or polymerizing. Mixing vessel and processing equipment must be clean and free of any strong basic contaminants.

packaging & handling

The ACCESS® OH Fluids are supplied in 440 pound net weight steel lined drums, other packaging options are available upon request.