

SiSiB[®] AF2230

Amino Silicone Fluid

INTRODUCTION

Soft Fluffy Amino Silicone Fluid SiSiB[®] AF2230 is modified organic silicone crude oil, applied in soft finish of various fiber textiles especially cotton, cotton/polyester, polyester, and blended cotton fabrics, which can get perfect handle. It has little effect on whiteness, shade, and color fastness of fabrics.

TYPICAL PHYSICAL PROPERTIES

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|-------------|--|
| Appearance | Colorless to light yellow transparent heavy body |
| Ionic | Weak cationic |
| Amino Value | 0.25 - 0.35mmol/g |
| Viscosity | 800-1500mpa.s |

APPLICATIONS

SiSiB[®] AF2230 can be used on super soft, fluffy, smooth finish of cotton, cotton/poly and cotton blended fabric.

SiSiB[®] AF2230 endows the fabrics with excellent fluffy and smooth hand feelings.

SiSiB[®] AF2230 endows the cotton fabrics with super soft and smooth hand feelings.

The stability of working fluid of emulsified liquid is good, and it has good compatibility with adhesive and dope.

□ Dosage:

| | | |
|------------------|--------------------------------------|-------------|
| Dipping Process: | Emulsified SiSiB [®] AF2230 | 2-6%(o.w.f) |
| Padding Process: | Emulsified SiSiB [®] AF2230 | 10-50g/l. |

EMULSIFYING METHOD

□ Guide Formulation (30% Emulsion):

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|---|------|
| Silicone Fluid SiSiB [®] AF2230: | 20% |
| Supporting Emulsifier: | 10% |
| Acetic acid I: | 0.1% |
| Acetic acid II: | 0.9% |

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| | |
|-----------|-----|
| Water I: | 50% |
| Water II: | 19% |

□ Process:

1. First charge Emulsifiers to reactor, and then add Silicone Fluid SiSiB[®]AF2230, stirring for 30-50minutes.
2. Charge Acetic Acid I slowly, stirring for 10-15 minutes.
3. Slowing add water I when stirring to the reactor.
4. Charge the rest water and acetic acid.
5. Sample and test the appearance. Qualified products is transparent emulsion, or blue fluorescence (it is best to put them in the glass to be observed)
6. Test PH, the standard 5.5 ± 0.5 . If not reach, add acetic acid.

PACKING AND STORAGE

SiSiB[®] AF2230 is supplied in 100Kg plastic drum.

In the original unopened packaging, SiSiB[®] AF2230 has a shelf life of eight months in a dry and cool place.

NOTES

All information in the leaflet is based on our present knowledge and experience. We reserve the right to make any changes according to technological progress or further developments. Performance of the product described herein should be verified by testing.

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Please send all technical questions concerning quality and product safety to: support@SiSiB.com.