



BENSIZ M-85

Sizing Wax for Spun Yarn

I. Introduction

BENSIZ M-85 is an excellent textile warping wax, which made from vegetable oil. It provides excellent quality with wide adaptability, which is suitable in each kind of processing. In any kind of sizing method, **BENSIZ M-85** ensure to improve the features of textile.

The high yield of **BENSIZ M-85** is particularly evident on native and regenerated cellulose fibers and its blend. By applying **BENSIZ M-85** owing to its smooth and antistatic effect in reducing the friction, it enables higher speed weaving without worrying about yarn breaking. Therefore, **BENSIZ M-85** improves the weaving efficiency.

II. Characteristics

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|--------------------|--|
| Appearance | : Off-white flake |
| Component | : Vegetable wax and emulsifier |
| Anti-static effect | : Improve the electrical conductivity of synthetic fiber |
| Emulsion status | : Normally emulsified, solution is stable |
| Solving point | : 58 – 65 ⁰ C |
| pH value | : 7.0 ± 1.0 (10% solu.) |
| Solid content | : Above 98.5% (3hrs, 105 ⁰ C) |

III. Properties

1. When used **BENSIZ M-85**, sized yarn is smoothened in a way that'll reduce the friction between yarn and reed, yarn and dropper. Thus reaching its optimum weaving efficiency.
2. Use **BENSIZ M-85** on sizing process has smoothness effect to improve splitting. Reduce size drop and yarn hair re-happen during splitting.
3. **BENSIZ M-85** is a full-emulsified WAX, provides easy desizing or finishing processing.

IV. Application

Use 0.3~1.2% O.W.S. Depend on the fabrics.

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