

Oil-Repellent Agents

--Pushing K-106

一、 Introduction

This product is a kind of functional additive that can give fiber excellent oil-proof property. It is an environment-friendly oil-proof agent specially designed and developed by Pushing for the production process of pulp molding. The adaptability of sugarcane pulp, wood pulp, grass pulp, bamboo pulp and other fibers is wider than the previous oil-proof agent.

二、 Physicochemical Property

| | | | |
|------------------|--------------------|---------------------|--|
| Appearance | Pale yellow liquid | Solid content | 25~27% |
| Ionicity | Cation | Storage temperature | 5~40℃ |
| pH | 3~6 | Solubility | Soluble in water |
| Specific gravity | 1.05 | Transportation | Non-dangerous goods, non-flammable goods |

三、 Transportation and storage

No red label (non-hazardous, non-flammable)

Should be stored in 5~40℃ temperature, cool and ventilated, avoid direct sunlight

Shelf life is 6 months

四、 Application

Bleached cane pulp

| NO | 1 | 2 | 3 |
|---|-----------------------------|-----------------|-----------------|
| pulp | Bleached cane pulp (100%) | | |
| water-proofing agent (to oven dry stock) | 1.2% | 1.2% | 1.2% |
| Oil-proofing agent | Pushing K-106 | | |
| Oil repellent dosage (to oven dry stock) | 0.9 | 1.0 | 1.1 |
| Oil performance (100~120℃) | Grade 3 | Grade 4.5 | Grade 5 |
| Water performance (100℃) | invariant color | invariant color | invariant color |

| | | | |
|--|--|-----------------|-----------------|
| Note | Oil proof grade: Grade5 - No discoloration at all Grade 4 - Very slight discoloration, impermeable Grade 3 - discoloration but impermeability Grade 2 - Slight penetration Grade 1 - Severe penetration | | |
| B . Bleached cane pulp &Wood pulp | | | |
| NO | 4 | 5 | 6 |
| pulp | Bleached cane pulp :Wood pulp =9:1 | | |
| water-proofing agent (to oven dry stock) | 1.2% | 1.2% | 1.2% |
| Oil-proofing agent | Pushing K-106 | | |
| Oil repellent dosage (to oven dry stock) | 1.0 | 1.1 | 1.2 |
| Oil performance (100~120℃) | Grade 3 | Grade 4.5 | Grade 5 |
| Water performance (100℃) | invariant color | invariant color | invariant color |
| Note | Oil proof grade: Grade5 - No discoloration at all Grade 4 - Very slight discoloration, impermeable Grade 3 - discoloration but impermeability Grade 2 - Slight penetration Grade 1 - Severe penetration | | |
| C . Antifoaming agents | | | |
| The foam situation depends on the actual production of the factory. If there is too much foam in the production, it is necessary to add defoaming agent. The factory can choose the defoaming agent by itself, and the amount of defoaming agent will depend on the actual situation. (NALCO7569 can be used, the dosage is about 0.02~0.1%, if using antifoaming agent, please add evenly and continuously) | | | |
| D . Dosage of water-proof agent and oil-proof agent | | | |
| Pushing K-106 products can be used with cationic or neutral water-repellent agents. The amount of Pushing K-106 can be adjusted according to the actual conditions of the factory. | | | |
| E . Safe handling | | | |

Before using this product, please read carefully the material safety data related to Pushing K-106 and the protective measures recorded on the packaging of the product. Apply the relevant terms and conditions