

涤纶 FDY 纺丝油剂 XY-6810

主要成分 精炼矿物油、合成酯、非/阴离子表面活性剂、特殊添加剂

技术指标

外观 (25°C)	浅黄色至黄色透明液体
有效含量 (%)	88~92
PH 值 (10%水溶液)	6~9
离子型	阴/非
乳液稳定性 (30°C)	72h 不分层

性能及特点

1. 润湿性好，上油均匀，可用于高速上油。
2. 平滑性好，油膜强度高，能有效降低纤维和摩擦器件的磨损，减少纺丝和纤维后加工过程中产生的毛丝和断头。
3. 抗静电性好，后道可用于高速经编对抗静电要求较高的产品。
4. 集束性好，具有良好静摩擦系数，卷装成形好。
5. 发烟量小、气味轻，可减少车间环境污染。
6. 热稳定性好、结焦少，可缩短热辊清洗周期。

使用范围

适用于常规涤纶 FDY、细旦 FDY、ITY、WINGS FDY。

使用方法

油剂加入至去离子水中配制乳液，通过油嘴或油轮等方式上油。建议乳液浓度控制在10~20%之间，防腐剂添加量控制在 300-500ppm，上油率控制在 0.8~1.2%。
乳液调配方法如下：
去离子水加入釜中，加入防腐剂，搅拌均匀后，边搅拌边加入油剂，搅拌均匀。配制温度控制在 20-40°C，水的电导率推荐 2μs/cm 以下，允许 10μs/cm以下，搅拌时间 30 分钟以上。

包装与贮存

- 1.180kg 塑料桶或 900kg 塑料桶密封包装。
- 2.室内储存，储存温度控制在 5~40°C。

注意事项

储存温度低于 5°C时，需在 40~50°C加热 2-3 天，并搅拌均匀后使用。

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Polyester FDY spinning oil XY-6810

Main ingredient Refined mineral oil, synthetic ester, non-/anionic surfactant, special additives

Technical Indicators

Appearance (25°C)	Light yellow to yellow transparent liquid
Effective content (%)	88~92
PH value (10% aqueous solution)	6~9
Ionic type	Negative/non-negative
Emulsion stability (30°C)	No stratification after 72 hours

Performance and Features

1. Good wettability, uniform oiling, can be used for high-speed oiling.
2. Good smoothness, high oil film strength, can effectively reduce the wear of fibers and friction devices, reduce the hair and broken ends generated during spinning and fiber post-processing.
3. Good antistatic property, the subsequent process can be used for high-speed warp knitting products with high antistatic requirements.
4. Good bundling, good static friction coefficient, good package forming.
5. Small smoke and light odor, can reduce workshop environmental pollution.
6. Good thermal stability, less coking, can shorten the hot roller cleaning cycle.

Scope of use

Applicable to conventional polyester FDY, fine denier FDY, ITY and WINGS FDY.

Instructions

Spinning oil is added to deionized water to prepare an emulsion, and oil is applied through an oil nozzle or oil tanker. It is recommended that the emulsion concentration be controlled between 10 and 20%, the amount of preservative added be controlled between 300-500ppm, and the oiling rate be controlled between 0.8 and 1.2%. The emulsion preparation method is as follows: deionized water is added to the kettle, the preservative is added, and after stirring evenly, the oil is added while stirring and stirred evenly. The preparation temperature is controlled at 20-40°C, the water conductivity is recommended to be below 2μs/cm, and below 10μs/cm is allowed, and the stirring time is more than 30 minutes.

Packaging and Storage

- 1.180kg plastic barrel or 900kg plastic barrel sealed packaging.
- 2.Indoor storage, storage temperature controlled at 5~40°C.

Precautions

When the storage temperature is below 5 °C, it should be heated at 40-50 °C for 1-3 days and stirred evenly before use.

Note: The technical opinions provided are all sincere and under normal circumstances, the user is responsible for testing the accepted product to verify whether it is qualified and suitable for the proposed process and use; If it can be controlled, please keep in touch and communicate in time.