

锦纶 POY 纺丝油剂 XY-8910

主要成分

聚醚、脂肪酸酯、EO/PO 聚合物、非离子表面活性剂和特殊添加剂

技术指标

外观 (25°C)	淡黄色透明液体
有效含量 (%)	85.0±2.0
PH值 (10%水溶液)	7.0~9.0

性能及特点

1. 具备高效润湿渗透性，上油均匀，不易形成胶状物。
2. 良好的平滑性，适用于高速摩擦变形工艺，满足高速假捻变形加工的要求，白粉少。
3. 良好的集束性，赋予纤维极佳的筒子成型；
4. 优异的抗静电性，毛丝断头少，丝束通过性顺畅；
5. 耐热性较好，结焦少，清理周期长，易于清洗。

使用范围

适用于锦纶 POY 高速纺丝和拉伸假捻变形机和 LOY/DT 工艺。

使用方法

油剂加入至去离子水中配制成乳液，通过计量泵和油嘴系统上油。建议乳液浓度控制在5~15%之间，防腐剂添加量控制在 300-500ppm，上油率控制在 0.30~0.65%。可根据产品和工艺的不同适当调整。

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 25-45°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

- 1.200kg 塑料桶或 1000kg 塑料桶密封包装。
- 2.室内储存，储存温度控制在 10~40°C。

注意事项

储存温度低于 10°C时会逐渐出现凝固物，需在 20~40°C环境下数天至透明，并搅拌均匀后使用。

温馨提示：所提供的技术意见均出自诚意和常规情况下，用户对接受的产品有责任进行测试，以验证是否合格，是否适合所拟订的工艺和用途；鉴于对产品的使用工艺条件非我公司所能控制，请双方保持联络，及时沟通交流，服务电话 0571-82685188

Nylon POY spinning oil XY-8910

Main ingredient

Polyether, fatty acid esters, EO/PO polymers, non-ionic surfactants, and special additives

Technical Indicators

Appearance (25°C)	Light yellow transparent liquid
Effective content (%)	85.0±2.0
PH value (10% aqueous solution)	7.0~9.0

Performance and Features

1. It has efficient wetting and permeability, uniform oiling, and is not easy to form gel like substances.
2. Good smoothness, suitable for high-speed friction deformation process, meeting the requirements of high-speed false twist deformation processing, with less white powder.
3. Good bundling properties give fibers excellent tube shaping;
4. Excellent anti-static properties, minimal breakage of fibers, and smooth passage of fiber bundles;
5. Good heat resistance, less coking, long cleaning cycle, and easy cleaning.

Scope of use

Suitable for nylon POY high-speed spinning and stretch false twist deformation machine and LOY/DT process.

Instructions

The oil agent is added to the deionized water to prepare lotion, and the oil is applied through the metering pump and nozzle system. It is suggested that the concentration of lotion should be controlled between 5 and 15%, the addition amount of preservative should be controlled between 300-500ppm, and the oil loading rate should be controlled between 0.30 and 0.65%. Adjustments can be made appropriately according to different products and processes.

The preparation method of lotion is as follows: add deionized water into the kettle, add preservatives, stir evenly, add oil agent while stirring, and stir evenly. The preparation temperature should be controlled between 25-45 °C, the recommended conductivity of water is below 2 μ s/cm, and it is allowed to be below 10 μ s/cm. The stirring time should be more than 30 minutes.

Packaging and Storage

1. Sealed packaging in 200kg plastic drums or 1000kg plastic drums.
2. Indoor storage, with storage temperature controlled between 10-40 °C.

Precautions

When the storage temperature is below 10 °C, solidified substances will gradually appear. It should be kept in an environment of 20-40 °C for several days until transparent, 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.