

#### 产品说明 Product Description

E01 乳剂短切原丝毡是由无碱玻璃纤维原丝经短切后，随机无定向均匀平铺，然后用乳剂粘剂粘在一起的片状毡片。适用于增强不饱和聚酯树脂和乙烯基树脂。

E01 乳剂短切原丝毡主要应用于手糊、缠绕、模压、连续制板等工艺。可生产船艇、浴室成套设备、汽车零部件、化工防腐管道、贮罐、冷却塔和建筑构件等产品。

*E01 Emulsion Chopped Strand Mat is made of E-glass chopped strands, randomly and evenly distributed and held together by an emulsion binder. E01 is compatible with unsaturated polyester and vinyl ester resins.*

*E01 is designed for use in hand lay-up, filament winding, compression molding and continuous laminating processes. Its end-use applications include ships and boats, bath equipment, automotive parts, chemical corrosion resistant pipes, tanks, cooling towers and building components.*



#### 产品特点 Product Features

- ◎ 拉伸强度高，适用于手糊工艺生产面积较大的产品
- ◎ 操作时无飞扬
- ◎ 树脂浸穿性好，浸透速度快
- ◎ 制品机械强度高

- High tensile strength, allowing for use in hand lay-up to produce large-area parts
- No flying objects during operation
- Good wet-through and fast wet-out in resins
- Good mechanical properties of parts

#### 规格代号及技术指标 Specification and Technical Parameters

| 项目<br>Item          | 单位面积质量<br>Area weight       | 含水率<br>Moisture content | 可燃物含量<br>Combustible matter content | 拉伸断裂强力<br>Tensile breaking force |
|---------------------|-----------------------------|-------------------------|-------------------------------------|----------------------------------|
| 检测方法<br>Test method | ISO 3374                    | ISO 3344                | ISO 1887                            | ISO 3342                         |
| MC225               | 225 g/m <sup>2</sup> (1±6%) | ≤ 0.10 %                | 4.4 % (1±31%)                       | ≥ 80 N                           |
| MC300               | 300 g/m <sup>2</sup> (1±6%) | ≤ 0.10 %                | 4.0 % (1±31%)                       | ≥ 100 N                          |
| MC375               | 375 g/m <sup>2</sup> (1±5%) | ≤ 0.10 %                | 3.6 % (1±31%)                       | ≥ 120 N                          |
| MC450               | 450 g/m <sup>2</sup> (1±5%) | ≤ 0.10 %                | 3.5 % (1±31%)                       | ≥ 140 N                          |
| MC600               | 600 g/m <sup>2</sup> (1±5%) | ≤ 0.10 %                | 3.3 % (1±31%)                       | ≥ 180 N                          |
| MC900               | 900 g/m <sup>2</sup> (1±5%) | ≤ 0.10 %                | 3.3 % (1±31%)                       | ≥ 200 N                          |

#### 使用说明 Instructions

- ◎ 本产品在9个月内使用最佳，使用前应保存在原包装内。
- ◎ 产品使用时注意防护，避免产品擦毛、损伤等情况。
- The product is best used within 9 months after production, and should be kept in the original package before use.
- Care should be taken when using the product to prevent it from being scratched or damaged.

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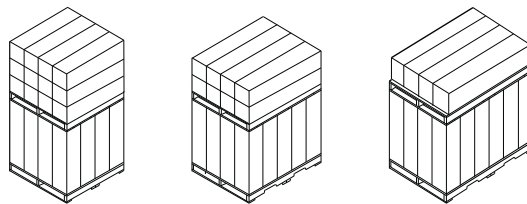
- ◎ 使用前调理产品的温湿度与环境温湿度平衡，使用时对环境温湿度进行适当控制。  
 ·The temperature and humidity of the product should be conditioned to be close or equal to the ambient temperature and humidity before use, and the ambient temperature and humidity should be properly controlled during the use.

#### 包装信息 Packaging

| 规格<br>Specification | 1040               |                      | 1270               |                      | 1524               |                      |
|---------------------|--------------------|----------------------|--------------------|----------------------|--------------------|----------------------|
|                     | 卷长/米<br>Length / m | 重量/千克<br>Weight / kg | 卷长/米<br>Length / m | 重量/千克<br>Weight / kg | 卷长/米<br>Length / m | 重量/千克<br>Weight / kg |
| MC225               | 119.7              | 28                   | 119.7              | 34                   | 119.7              | 41                   |
| MC300               | 96.2               | 30                   | 96.2               | 37                   | 96.2               | 44                   |
| MC375               | 76.9               | 30                   | 76.9               | 37                   | 76.9               | 44                   |
| MC450               | 79.1               | 37                   | 79.1               | 45                   | 79.1               | 54                   |
| MC600               | 59.3               | 37                   | 59.3               | 45                   | 59.3               | 54                   |
| MC900               | 39.5               | 37                   | 39.5               | 45                   | 39.5               | 54                   |

乳剂短切原丝毡缠绕在内径 90mm 的纸管上，毡卷直径为 265mm，用塑料薄膜包扎，外面用纸箱包装，垂直或水平放置在托盘上。

Each Emulsion Chopped Strand Mat is wound onto a paper tube which has an inside diameter of 90mm. The roll outside diameter is approximately 265mm. Each roll is wrapped up in plastic film and then packed in a cardboard box. The rolls are stacked horizontally or vertically onto pallets.



#### 贮存 Storage

在没有特殊要求的情况下，玻璃纤维产品应贮存在干燥、阴凉的地方，防止受潮。最佳存储条件为温度 -10°C ~ 35°C，相对湿度≤80%。为确保安全，避免损坏产品，托盘的堆码高度不应超过三层。当堆放两层或三层高时，要求正确地、平稳地移动上面的托盘。

Unless otherwise specified, the fiberglass products should be stored in a dry, cool and moisture-proof area. The best temperature and humidity should be maintained at -10°C~35°C and ≤80% respectively. To ensure safety and avoid damage to the product, the pallets should be stacked not more than three layers high. When the pallets are stacked in two or three layers, special care should be taken to correctly and smoothly move the upper pallet.