



E10

乳剂短切原丝毡

Emulsion Chopped Strand Mats

产品说明 Product Description

E10 乳剂短切原丝毡是由特殊拉丝工艺的无碱玻璃纤维原丝经短切后，随机无定向均匀平铺，然后用乳剂粘结剂粘结在一起的片状毡片。可适用于增强不饱和聚酯树脂、乙烯基树脂。

E10 乳剂短切原丝毡为易排气泡型乳剂毡，在生产大型制件时可以迅速排出气泡，提高生产效率，主要应用于连续制板，造船等工艺。可生产船艇、浴室成套设备、汽车零部件和建筑构件等产品。

E10 Emulsion Chopped Strand Mat is made of E-glass chopped strands. The strand is produced in a special drawing process, randomly and evenly distributed, and then held together to form the mat by an emulsion binder. E10 is compatible with unsaturated polyester and vinyl ester resins.

E10 enables fast air release when used to form large parts in continuous laminating and shipbuilding processes. Its end-use applications include ships and boats, bath equipment, automotive parts, and building components.



产品特点 Product Features

- ◎ 拉伸强度高，适用于机械退卷，可生产大尺寸复合材料制件
- ◎ 操作时无飞扬
- ◎ 树脂浸穿性好，浸透速度快，气泡容易排除

·High tensile strength, suitable for mechanical unwinding to produce large-size composite parts
·No flying objects during operation
·Good wet-through and fast wet-out in resins, easy air release

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

项目 Item	单位面积质量 Area weight	含水率 Moisture content	可燃物含量 Combustible matter content	拉伸断裂强力 Tensile breaking force
检测方法 Test method	ISO 3374	ISO 3344	ISO 1887	ISO 3342
MC225	225 g/m ² (1±6%)	≤ 0.10 %	4.4 % (1±31%)	≥ 80 N
MC300	300 g/m ² (1±6%)	≤ 0.10 %	4.0 % (1±31%)	≥ 120 N
MC375	375 g/m ² (1±5%)	≤ 0.10 %	3.8 % (1±31%)	≥ 120 N
MC450	450 g/m ² (1±5%)	≤ 0.10 %	3.5 % (1±31%)	≥ 150 N
MC600	600 g/m ² (1±5%)	≤ 0.10 %	3.3 % (1±31%)	≥ 180 N
MC900	900 g/m ² (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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使用说明 Instructions

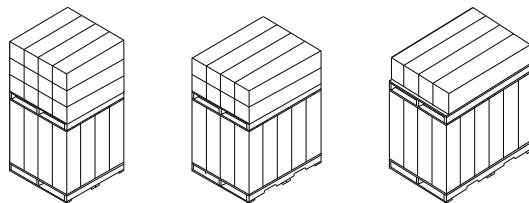
- 使用前调理产品的温湿度与环境温湿度平衡，使用时对环境温湿度进行适当控制。
· The temperature and humidity of the product should be conditioned to be close or equal to the ambient temperature and humidity before use, and the ambient temperature and humidity should be properly controlled during the use.

包装信息 Packaging

规格 Specification	1040		1270		1524	
	卷长/米 Length / m	重量/千克 Weight / kg	卷长/米 Length / m	重量/千克 Weight / kg	卷长/米 Length / m	重量/千克 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.