



# P20

## 粉剂短切原丝毡

### Powder Chopped Strand Mats

#### 产品说明 Product Description

P20 粉剂短切毡是由无碱玻璃纤维原丝经短切后，随机无定向均匀平铺，然后用粉末粘结剂粘结在一起的片状毡片，适用于增强不饱和聚酯树脂、乙烯基树脂、环氧树脂。

P20 粉剂短切原丝毡为易服帖型粉剂短切毡，具有良好的模具贴合性，小角度不回弹，主要应用于手糊工艺。可生产形状复杂的玻璃钢制件，也可用于生产玻璃钢模特及普通玻璃钢制件。

*P20 Powder Chopped Strand Mat is made of randomly distributed chopped E-glass strands held together by a powder binder. It is compatible with unsaturated polyester, vinyl ester, and epoxy resins.*

*P20 is has the advantages of good conformability to molds, allowing for no springback at small angles. It is mainly designed for use in hand lay-up process to produce FRP parts with complex shapes. It can also be used to make FRP models and other common FRP parts.*



#### 产品特点 Product Features

- ◎ 毡质柔软，方便手工撕裂，覆模性好
- ◎ 树脂浸穿性好，浸透速度快
- ◎ 树脂消耗少
- Soft mat, ease of manual tearing apart, good conformability
- Good wet-through and fast wet-out in resins
- Low resin consumption

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

项目 Item	单位面积质量偏差 Area weight variation	含水率 Moisture content	可燃物含量 Sizing content	拉伸断裂强力 Tensile breaking force
检测方法 Test method	ISO 3374	ISO 3344	ISO 1887	ISO 3342
巨石标准 Jushi standard	≤ 300 g/m <sup>2</sup> : ± 6 % > 300 g/m <sup>2</sup> : ± 5 %	≤ 0.10 %	具体见下表See table below	具体见下表See table below
国家标准 GB/T 17470 National standard	< 300 g/m <sup>2</sup> : ± 12 % 300 ~ 599 g/m <sup>2</sup> : ± 10 % ≥ 600 g/m <sup>2</sup> : ± 8 %	≤ 0.20 %	1.8 % ~ 8.5 %, 极差 ≤ 2 % The range should not exceed 2 %	< 300 g/m <sup>2</sup> : ≥ 40 N 300 ~ 599 g/m <sup>2</sup> : ≥ 60 N ≥ 600 g/m <sup>2</sup> : ≥ 80 N

牌号 Product code	单位面积质量 Area weight	可燃物含量 Sizing content	拉伸断裂强力 Tensile breaking force	牌号 Product code	单位面积质量 Area weight	可燃物含量 Sizing content	拉伸断裂强力 Tensile breaking force
EMC225	225 g/m <sup>2</sup>	4.2 % (1±31%)	≥ 80 N	EMC450	450 g/m <sup>2</sup>	2.5 % (1±31%)	≥ 120 N
EMC300	300 g/m <sup>2</sup>	3.2 % (1±31%)	≥ 100 N	EMC600	600 g/m <sup>2</sup>	2.4 % (1±31%)	≥ 150 N
EMC375	375 g/m <sup>2</sup>	2.8 % (1±31%)	≥ 110 N	EMC900	900 g/m <sup>2</sup>	2.6 % (1±31%)	≥ 240 N

#### 使用说明 Instructions

- ◎ 本产品在12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 12 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.

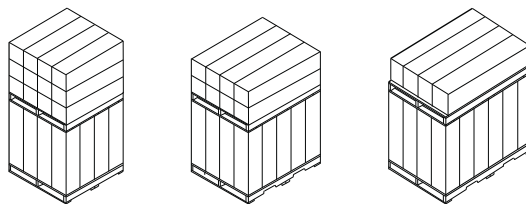
#### 包装信息 Packaging

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
EMC225	119.7	28	119.7	34	119.7	41
EMC300	96.2	30	96.2	37	96.2	44
EMC375	76.9	30	76.9	37	76.9	44
EMC450	79.1	37	79.1	45	79.1	54
EMC600	59.3	37	59.3	45	59.3	54
EMC900	39.5	37	39.5	45	39.5	54

粉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。

具体尺寸和包装方式由供需双方商定。

Each Powder 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. The specific dimension and packaging method shall be discussed and determined by the customer and Jushi.



#### 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.