



## Product Code

**ECT55M-2400**

- ◆ Glass type
- ◆ Sizing code
- ◆ Linaer density (Tex)

55M is a type of assembled roving produced from fluorine-free and boron-free ECT glass. It has a delicated silane based coupling agent, which is compatible with UP and VE resin. It is suitable for SMC process and can be used for electrical housing, structural component, control cabinet, etc.

| Product Feature                                                                                                                                                                                              | Technical Index |                  |                        |                    |                      |                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|------------------|------------------------|--------------------|----------------------|----------------|
| <ul style="list-style-type: none"><li>● Good color stability</li><li>● Less yellowish fiber</li><li>● Good cutting performance</li><li>● Good dispersion</li><li>● Excellent mechanical properties</li></ul> | Sizing type     | Linaer density   | Filament diameter [μm] | LOI [%]            | Moisture content [%] | Stiffness [mm] |
|                                                                                                                                                                                                              | -               | ISO 1889         | ISO 1888               | ISO 1887           | ISO 3344             | ISO 3375       |
|                                                                                                                                                                                                              | Silane          | Nominal value±5% | Nominal value±1        | Nominal value±0.10 | ≤0.10                | 160±20         |

| Specification |              |                                |                          |                 |
|---------------|--------------|--------------------------------|--------------------------|-----------------|
| Glass options | Product code | Typical filament diameter [μm] | Linaer density Tex[g/km] | Nominal LOI [%] |
| ECT           | 55M          | 14                             | 2400/4800                | 1.25            |

Packaging & Storage

| Packaging                                                                                                                                                                                                                                                              | Bobbin weight[kg] | Bominal size of bobbin[mm] |                  | Number of bobbin per pallet[个] | Pallet size[mm] | Net weight of pallet[kg] |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|----------------------------|------------------|--------------------------------|-----------------|--------------------------|
| pallet packaging                                                                                                                                                                                                                                                       | 15-20             | Inside diameter            | Outside diameter | 48                             | 1140*1140*940   | 720-960                  |
|                                                                                                                                                                                                                                                                        |                   | 152/162                    | 285              | 64                             | 850*500*1200    | 960-1280                 |
| <p>It is recommended to store glass fiber products in a cool, dry are with temperature being controled between 10-30°C and humidity between 50-75%. The glass fiber products must remain in their original packaging. The pallets are stackable, maximum 2 levels.</p> |                   |                            |                  |                                |                 |                          |

