



## Product Code

**ECT469H-2400**

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

469H has a delicated silane based coupling agent, which is compatible with epoxy resin and polyester resin. It can be produced from high-strength, corrosion-resistant fluorine-free and boron-free ECT and TM+ glass. 469H is suitable for pultrusion and filament winding processes. It has good wettability and reactivity with epoxy resin and polyester resin, enabling composite products to possess excellent mechanical propertie. It can be used in high performance pultruded profiles, such as reinforcement of optical fiber cable, tent poles, etc.

## Product Feature

- Low fuzz
- Good uniformity of dispersion
- High tensile strengthGood fatigue performance

## Technical Index

| Sizing type | Linaer density    | Filament diameter [μm] | LOI [%]             | Moisture content [%] | Tensile strength [N/Tex] |       |
|-------------|-------------------|------------------------|---------------------|----------------------|--------------------------|-------|
| -           | ISO 1889          | ISO 1888               | ISO 1887            | ISO 3344             | ISO 3341                 |       |
| Silane      | Nominal value ±5% | Nominal value ±1       | Nominal value ±0.10 | ≤0.10                | <1200tex                 | ≥0.35 |
|             |                   |                        |                     |                      | ≥1200tex                 | ≥0.30 |

## Speci fication

| Glass options | Product code | Typical filament diameter [μm] | Linaer density Tex [g/km] | Nominal LOI [%] |
|---------------|--------------|--------------------------------|---------------------------|-----------------|
| ECT/TM        | 469H         | 14、17                          | 600/735/1200/1800/2400    | 0.60            |

## 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                  |

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.

