



Product Code

ECS309A-3-M4

- ◆Chopped Strand
- ◆Sizing Agent Code
- ◆Cut Length
- ◆Fiber Diameter
- ◆Aspect ratio

ECS309A-3-M4 is specifically designed for reinforcing PPS resin systems. Compared with traditional glass fibers, the composites reinforced with ECS309A-3-M4 exhibit lower warpage, better flowability and higher mechanical performance, while being suitable for high glass fiber content products. The composite products manufactured with this material possess extremely high tensile strength and elastic modulus.

Product Features

- Excellent flowability
- Outstanding mechanical properties and modulus
- Low warpage
- Good process operabilit

Technical Specifications

| Bulk Density [g/cm³] | Smallest Filament Diameter[μm] | Loss On Ignition[%] | Ratio of Length to Width | Moisture Content[%] | Strand Integrity[g] |
|-------------------------|--------------------------------|---------------------|--------------------------|---------------------|---------------------|
| ISO 15100 | ISO 1888 | ISO 1887 | ISO 1888 | ISO 3344 | *Q/CPIC TM-13 |
| 0.60±0.15 | 0.35±0.1 | 4±0.4 | ≤0.1 | ≤10 | 6-8 |

规格型号 Specification

| Product Code | Glass Type | Cut Length [mm] |
|--------------|------------|-----------------|
| ECS309A-3-M4 | E | 3 |

包装与储存 Packaging & Storage

| Packaging | Nominal Weight[kg] | Quantity per Pallet[个] | Pallet dimensions[mm] |
|---------------|--------------------|------------------------|-----------------------|
| Bulk bag | 1000 | 1 | 1140*1140*1160 |
| bags of paper | 25 | 40 | 1140*1140*830 |

Please store the glass fiber products in a dry and cool environment, with recommended temperature control between 10-30° C and humidity control between 50-75%. The product must remain in its sealed packaging until use. Pallet stacking height should not exceed one layer.

