



## Chopped Strands 508A for Polypropylene (PP) and Polyethylene (PE)

Chopped Strands 508A for thermoplastics are coated with a silane-based sizing, compatible with PP and PE resins. 508A is designed for extrusion and injection molding processes. It's widely used in the automotive industry, home appliances, transportation and packing.

### SPECIFICATIONS

Type of Glass  
E-Glass (E)

Type of Fiberglass  
Chopped Strands (CS)

Chop Length  
4.5 (mm)

Filament Diameter  
13 microns

Most Common Sizes  
ECS13-4.5-508A

### FEATURES:

- Excellent mechanical properties
- Excellent strand integrity
- FDA certified for food contact applications
- Good bonding with resins, ensuring excellent surface appearance
- Good flowability
- Good pigmentation
- Low fuzz
- Low static

### RESIN COMPATIBILITY:

- Polyethylene (PE)
- Polypropylene (PP)

### USES:

- Automotive parts
- Home appliances
- Packing
- Transportation

### TECHNICAL PARAMETERS

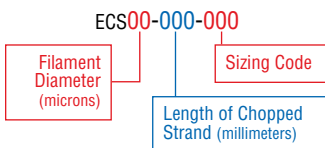
Filament Diameter (%)  
ISO 1888  
± 10

Moisture Content (%)  
ISO 3344  
≤ 0.10

Size Content (%)  
ISO 1887  
0.50 ± 0.15

Chop Length (mm)  
Q/JS J0361  
± 1.0

### CHOPPED STRAND NOMENCLATURE

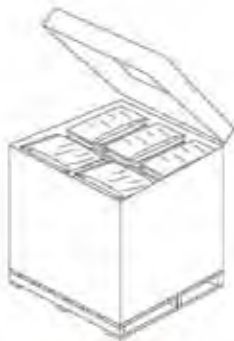


# Chopped Strands 508A

for Polypropylene (PP) and Polyethylene (PE)



Bulk Bag



Heavy-duty box



Composite plastic woven bags

## PACKAGING

Chopped strands can be packaged in bulk bags, heavy-duty boxes or composite plastic woven bags. For example: Bulk bags can hold 900-1000 kg each. Cardboard boxes and Composite plastic woven bags can hold 15-25 kg each.

### Bulk Bag:

Length	1030 mm (40.55 in)
Width	1030 mm (40.55 in)
Height	1000 mm (39.4 in)

### Heavy-duty box:

Length	1120 mm (44 in)
Width	1120 mm (44 in)
Height	1050 mm (41.3 in)

### Composite plastic woven bag:

Length	850 mm (33.46 in)
Width	500 mm (19.68 in)
Height	120 mm (4.72 in)

## STORAGE

Unless otherwise specified, fiberglass products should be stored in a dry, cool and moisture-proof area. Room temperature and humidity should always be maintained at 15°C – 35°C, 35% – 65% respectively.

Best used within 12 months after production date. Fiberglass products should remain in their original packaging until just prior to use.