



DS5102

Chopped Strands for BMC

PRODUCT DESCRIPTION

DS5102 is a high performance chopped strand reinforcement engineered for optimum performance in BMC compression, injection and transfer molding. DS5102 is designed for maximum compatibility with polyester and vinyl ester resin systems. The product will also work well in epoxy systems.



PRODUCT REFERENCE

DS5012-13C
Glass Type: Advantex® Glass Type - Boron Free
Process Type: Continuous
Filament Diameter: 13µm (Micrometer)

PRODUCT APPLICATION

DS5102 chopped strand reinforcements can be used in a wide variety of applications including appliance components, automotive headlight reflectors and valve covers; electrical junction boxes and switch components; power tool housings, sinks and countertops.

FEATURES AND PRODUCT BENEFITS

- | | |
|------------------------------------|--|
| • Excellent wet out | • Short mix times |
| • Excellent resin compatibility | • Good composite mechanical properties |
| • Advantex® Glass | • Good Chemical resistance |
| • Excellent whiteness | • Good color matching |
| • ISO 9002 certified manufacturing | • Consistant mix quality |

TECHNICAL CHARACTERISTICS (NOMINAL VALUES)

| FIBER LENGTH (mm) | LOSS ON IGNITION (%) TM-CS 01-GC | MOISTURE (%) TM-CS 01-GC | STRAND INTEGRITY (%) TM-CS 07B-GC | LONG FIBERS (% MAX) TM-CS 06-GC |
|-------------------|-------------------------------------|-----------------------------|--------------------------------------|------------------------------------|
| 3.2 | 0.55 | 0.05 max | 12 (7 min.) | 1.99 |
| 6.4 | | | | |
| 13.0 | | | | |

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PACKAGING

- Standard packaging is a polypropylene fabric bulk bag. This bag does not contain a discharge chute. This bag is designed to either dip from the top, or cut the bottom for discharge.
- Special options would be a bulk carton or a small carton box.

| PACKAGING | UNIT WT. (#) | PALLET SIZE (INCHES) | OVERALL HEIGHT WITH PALLET (INCHES) | NET WEIGHT ON PALLET (#) | COMMENTS |
|--------------|------------------|----------------------|-------------------------------------|--------------------------|----------|
| Bulk Bag | 2255 1800 (1) | 45 x 45 | 52 | 2255 1800 (1) | Standard |
| Small Carton | 50 | 45 x 45 | 38 (2) 49 (3) | 1350# (2) 1800# (3) | Special |
| Small Carton | 40 (1) | 45 x 45 | 57 (1) | 1440# (1) | Special |
| Bulk Carton | 1211 | 43 x 34 | 45 | 1211# | Special |

- Notes (1) For 13mm chop
(2) 3 layers of cartons
(3) 4 layers of cartons

LABELING

- Each package contains product description and net weight
- Manufacturing date on label is considered the Lot number

STORAGE

DS5102 Chopped Strands must be stored indoors in a dry location. Recommended storage conditions are 50% R.H. and 72° F. The product should remain in its original packaging, preferably closed, until just prior to use. When stored properly, there is no known shelf life to the product, but retesting is advised after three years from the initial production date to insure optimum performance.

Contact

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