



## Mia 60 Cotton Flock

### Description

Mia 60 Cotton Flock is a milled cotton fiber, used as a filler to add dimensional stability, add abrasion resistance, thicken epoxy resins, or to promote adhesion between laminate layers.

### Physical Properties

|                         |  |
|-------------------------|--|
| Color                   | White                                    |
| Fiber Length            | ~ 320 microns (avg. 150-500)             |
| Fiber Width             | 10-25 microns (1-3 Denier)               |
| Specific Gravity        | 1.5                                      |
| Bulk Density            | ~ 9.5 lbs./cu. ft.                       |
| Melting Characteristics | Chars at 250°F, Decomp at 300°F          |
| Tensile Strength        | 120,000 psi                              |
| Solubility              | Insoluble in Acetone, DMF or 40% NaOH    |
| Moisture                | Less than or equal to 4%                 |
| Water Uptake            | ~ 0.3g water taken up per g cotton flock |
| Bulk Volume             | 190-210 cc/ 50g                          |

### Screen Analysis

|                 |        |
|-----------------|--------|
| % on 40 Mesh    | <0.5%  |
| % thru 100 Mesh | >80.0% |
| % thru 200 Mesh | >40.0% |

### Ordering Information

| SKU    | Description         | Size    | Net wt. |
|--------|---------------------|---------|---------|
| 406302 | Mia 60 Cotton Flock | Quart   | 0.75 lb |
| 406304 | Mia 60 Cotton Flock | 2 Quart | 1.2 lb  |
| 406306 | Mia 60 Cotton Flock | Gallon  | 2.5 lb  |

The user shall determine the suitability of this product for their application and assumes all risks and liabilities associated with the use of this product. The exclusive remedy for all proven claims is replacement of our materials only and in no event shall Freeman Mfg. & Supply Co. be liable for special, incidental, or consequential claims.

READ SAFETY DATA SHEETS AND PRODUCT LABELS BEFORE USING PRODUCT

