



## Cellu-Flo Fiber Blends Product Data Sheet

### Applicable Markets

- ▶ Food / Beverage - Beer, Distilled Spirits, Juice, Wine
- ▶ Chemicals - Specialty, Fine
  - ▶ Cosmetics
  - ▶ Dielectric Fluids
    - ▶ Dyes
  - ▶ Edible Oils
    - ▶ Flavors
  - ▶ Fragrances
    - ▶ Gelatin
    - ▶ Inks
- ▶ Photographic Solutions
  - ▶ Photoresist Solutions
    - ▶ Utility

Gusmer's Cellu-Flo Fiber Blends Filter Aids are a loose blend of cellulose fiber and filter aids developed for use as a filtration precoat and/or body feed. Cellu-Flo Blended Filter Aids provide a stable filtration cake with improved filtrate clarity when used as a precoat and a convenient one step solution when used as a body feed. A number of different product blends are available to fit the specific application and all Cellu-Flo FB products are crystalline silica free.

### PRODUCT OVERVIEW

PROPERTIES	CELLU-FLO FB - RVAC	CELLU-FLO FB - 10	CELLU-FLO FB - 30
DESCRIPTION	Designed for rotary vacuum and recessed plate filtration. Permeability optimized for tough filtrations with high contaminant load. Increased fiber content for easier cake discharge.	Designed for pressure leaf and candle filtration. Permeability optimized for improved throughputs. Increased filter aid for improved clarity.	Designed for pressure leaf and candle filtration. Permeability and particle size optimized for clarity.
PERMEABILITY- gal/hr/ft <sup>2</sup> (liter/hr/m <sup>2</sup> )	16.6 (676)	15.5 (631)	5.4 (220)
DRY DENSITY- g/cm <sup>3</sup>	0.13	0.11	0.13
WET CAKE DENSITY - g/cm <sup>3</sup>	0.16	0.18	0.14
ASH - %	70	85	75

Note: Measurements are typical results.

### TYPICAL DOSAGE RATES

Slurry 10 - 20 lbs Cellu-Flo FB blended fiber per 100 ft<sup>2</sup> (1-2 lbs / m<sup>2</sup>) of active filter surface area in the precoat tank and agitate for a minimum of 5 minutes. Pump the slurry onto the filter screen and recirculate until the liquid is clear. If desired, add a secondary layer of filter aid in the same manner.

Rate will vary depending on application. Contact Gusmer Enterprises, Inc. for a recommendation.

### PACKAGING

25 lb bags and 125 kg totes



### CHEMICAL DATA

Typical metal extractables for the Cellu-Flo Fiber Blend Series are provided.

Metals	ppb
Aluminum (Al)	15
Antimony (Sb)	---
Arsenic (As)	0.04
Barium (Ba)	0.15
Boron (B)	0.11
Calcium (Ca)	29
Copper (Cu)	2.0
Iron (Fe)	2.4
Lead (Pb)	0.03
Lithium (Li)	0.05
Magnesium (Mg)	11
Manganese (Mn)	0.27
Molybdenum (Mo)	---
Nickel (Ni)	0.06
Potassium (K)	17
Sodium (Na)	80
Strontium (Sr)	0.10
Titanium (Ti)	0.21
Tungsten (W)	0.10
Vanadium (V)	---
Zinc (Zn)	0.96

Metals: ppb, pure water flush of 5 L/sq. ft. with 24-hr soak

Note: "----" indicates metal was not detected

Note: Bi, Cd, Cr, Co, Ga, Ge, Hg, Ag, Sn also not detected in any sample

**Important Note:** Gusmer Enterprises, Inc. provides this information to the best of our knowledge. This information does not claim to be complete and Gusmer Enterprises, Inc. cannot assume liability for improper use. All users are advised to test products to meet their specific needs.

### CERTIFICATIONS

Other documents including Certificate of Compliance, Certificate of Analysis, and Material Safety Data Sheets are available upon request. Supporting documentation is on file at Gusmer Enterprises, Inc.

Distributed by:



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