



# MINING FILTRATION



## Alpha-Cel™

### ■ Environmentally Friendly

Alpha-Cel™ has no toxic or hazardous components (arsenic, cristobalite) and is so pure that it can be used as a food ingredient.

### ■ Mixes Easily, Precoats Rapidly

Alpha-Cel™ purified cellulose wets out extremely easily. Uniform slurry is rapidly achieved which forms a more uniform coating, or “cake,” on the filter grids resulting in a more effective filtration surface area.

### ■ Low to Zero Ash Content

After calcination process the cellulose fibers are completely incinerated.

### ■ Overall Cost Reduction

With an overall 20% reduction in chemical usage, a 50% electrical cost savings and a minimum 30% reduction in dosage rates of the cellulose compared with other traditional filter aids, the savings are immediate.

## TYPICAL CHARACTERISTICS

GRADE	AVERAGE FIBER LENGTH	VEL PERMEABILITY	WET BULK DENSITY	SCREEN ANALYSIS		
	(microns)			(darcies)	(lbs./cu. ft.)	% on 40 Mesh
C10	290	30	8.0	LT 15	LT 60	LT 25
C40	120	22	9.5	Trace	90.0	40.0
C100	110	13	10.5	0	NLT 95	NLT 45
BH40	60	6	13.0	1.5	93.0	57.0
BH100	40	3.5	17.0	0	95.0	73.0
BH300	30	2.0	20.0	0	NLT 98	NLT 85



INTERNATIONAL FIBER CORPORATION

*Solutions for a changing marketplace*