



Celatom® Floc

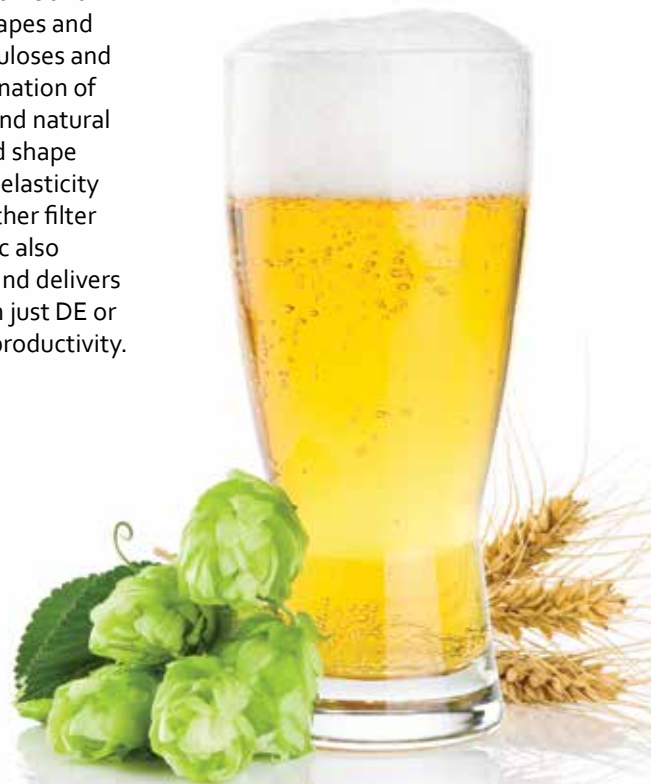
SPECIALTY FILTER AID

- **Simply... Clearer, Faster**
- **Reduces the time required to precoat the filter**
- **Improves the stability of the precoat**
- **Eases precoat cake release**
- **Improves adsorption of trace metals**

Celatom® Floc grades are specialty, high-purity, chemically inert filter aid used to complement other filter media, such as diatomaceous earth and perlite. They were developed to function as a primary precoat and/or bodyfeed. We offer three grades to best meet your application needs.

- **Celatom® Floc 30 for Polish Filtration**
- **Celatom® Floc 10 for Medium Filtration**
- **Celatom® Floc VAC for Coarse Filtration**

Celatom® Floc is a blend of organic and inorganic media of different shapes and sizes, such as refined alpha celluloses and high quality perlite. The combination of the uniform blending process and natural variation in the particle size and shape provides the precoat cake with elasticity to resist pressure bumps and other filter upsets. The use of Celatom Floc also greatly reduces bleedthrough and delivers a high clarity filtrate faster than just DE or perlite alone, improving plant productivity.



Precoating Instructions

Pressure Filter

Add the required amount of Celatom® Floc 10 or 30 (see below) directly into the precoat tank at a concentration of 3 - 4% by mass and agitate for 10 minutes. If the precoat mix tank is not large enough to accommodate the recommended dosage without exceeding the solids level then add the remainder of the Celatom Floc over 5-10 minutes during the precoat process. The precoat is completed when the slurry recirculation line back to the tank is clear. This usually takes approximately 10-20 minutes.

Rotary Vacuum or Plate and Frame

Add the required amount of Celatom® Floc VAC (see below) directly into the precoat tank at a concentration not to exceed 10% by mass and agitate for 10 minutes. If the precoat mix tank is not large enough to accommodate the recommended dosage without exceeding the solids level then add the remainder of the Celatom Floc evenly over a period of 10-15 minutes during the precoat process. The precoat is completed when the slurry recirculation line back to the tank is clear. This usually takes approximately 10-20 minutes.

Properties	Celatom® Floc 30	Celatom® Floc 10	Celatom® Floc VAC
Recommended Use	Polish Filtration	Medium Filtration	Coarse Filtration
Typical Wet Bulk Density (lb/ft ³) / (grams/liter)	13.0 / 208	11.5 / 185	14.0 / 225
Recommended Dosage (mass/filter area)	1 lb/10 ft ² 0.45 kg/m ²	1 lb/10 ft ² 0.45 kg/m ²	0.35 - 1.0 lb/ft ² for ¼ in. - ¾ in. precoat for a Rotary Vacuum Filter
			1 lb/10 ft ² (0.45 kg/m ²) for a Plate and Frame Filter
Color	Light Pink	Off White	Off White
Recommended Filter Compatibility	Pressure Filter	Pressure Filter	Rotary Vacuum Filter, Plate and Frame Filter



EP Minerals®
A U.S. SILICA COMPANY

Tel: 800.366.7607 • Fax: 775.824.7601
Email: inquiry.minerals@epminerals.com
www.epminerals.com

©2018 EP Minerals • EPM047-003