

Revised November 2009

AccoPure[®] A

General Description AccoPure A is a selectively mined, sodium-activated montmorillonite of North American origin, which has been finely milled and is supplied as a free-flowing powder.

Functional Use This montmorillonite is specially mined for use as a flocculant in conjunction with polyacrylamides and other organic flocculants. The high swelling nature of the product makes it particularly suitable for use in de-inking applications and dissolved air flotation systems of the type commonly encountered in Paper Mills.

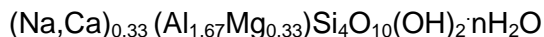
Purity Principally composed of colloidal montmorillonite. Contains trace amounts of crystalline silica, plagioclase, calcite and gypsum.

Solubility Dispersible but insoluble in water or alcohol. One gram of clay produces a surface area greater than 750 sq. meters when fully dispersed.

Moisture	7 - 14% as shipped	Texture	Soft, slippery
Odor	None	CEC	Typically 100 meq / 100g
Settleable	15% maximum	Taste	None
pH	8.5 - 10.5 @ 5% solids		

Dry Particle Size Minimum 65% passing 200 mesh (74 microns).

Chemical Formula Dioctahedral smectite, an expanding layer silicate:



Elemental Composition Typical analysis – moisture free.

SiO ₂	66.75 %	Na ₂ O	1.86 %
Al ₂ O ₃	21.69 %	CaO	1.34 %
Fe ₂ O ₃	3.97 %	K ₂ O	0.45 %
MgO	2.98 %		

All metals are expressed as oxides, which are complexed in the mineral

Packaging Available in 1 ton big-bags or bulk.