

## AccoSorb BAC

<b>General Description</b>	AccoSorb BAC is a selectively mined, sodium-activated montmorillonite of North American origin, which has been finely milled and is supplied as a free-flowing powder.		
<b>Functional Use</b>	This montmorillonite is specifically mined and modified for use as a pitch control agent to partially or wholly replace organic and inorganic pitch control agents. The specific surface area and chemical nature of the product makes it particularly suitable for passivation and adsorption of stickies and pitch particles in the stock approach system of a paper machine.		
<b>Purity</b>	Principally composed of colloidal montmorillonite. Contains trace amounts of quartz, feldspar and calcite.		
<b>Solubility</b>	Dispersible but insoluble in water or alcohol. One gram of montmorillonite produces a surface area greater than 750 sq. metres when fully dispersed.		
<b>Moisture</b>	maximum 14% as shipped	<b>Texture</b>	Soft, slippery
<b>Odour</b>	None	<b>Taste</b>	None
<b>CEC</b>	~ 100 meq/100g pH 8.5-10.5 @ 5%solids	<b>Settleable</b>	15% maximum
<b>Wet Particle Size</b>	Minimum 94.0% finer than 200 mesh (74 microns) Minimum 92.0% finer than 325 mesh (44 microns)		
<b>Dry Particle Size</b>	Minimum 65.0% finer than 200 mesh (74 microns)		
<b>Chemical Formula</b>	Montmorillonite, a dioctahedral smectite (expanding phyllosilicate), having an ideal composition:  (Na,Ca) <sub>0.33</sub> (Al <sub>1.67</sub> Mg <sub>0.33</sub> )Si <sub>4</sub> O <sub>10</sub> (OH) <sub>2</sub> .nH <sub>2</sub> O.)		
<b>Elemental Analysis</b>	Typical analysis – moisture free.		
	SiO <sub>2</sub> 63.02%	Na <sub>2</sub> O 2.57%	
	Al <sub>2</sub> O <sub>3</sub> 21.08%	CaO 0.65%	
	MgO 2.67%	Trace 0.72%	
	Fe <sub>2</sub> O <sub>3</sub> 3.25%	LOI 5.64%	
	All metals are expressed as oxides, which are complexed in the mineral		
<b>Packaging</b>	Available in multi-wall paper bags (25kg or 50 lb), 1,000kg/2,000lb bulk bag.		