

Revised January 2009

AccoSorb® E

General Description AccoSorb® E is a selectively mined sodium-activated montmorillonite which has been finely milled and is supplied as a free-flowing powder.

Functional Use 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.

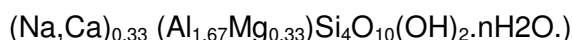
Purity Principally composed of colloidal montmorillonite. Contains trace amounts of quartz, plagioclase, feldspar, siderite, anatase, opal c-ct, hematite and kaolinite.

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

Moisture	7 - 14% as shipped	Texture	Soft, slippery
Odour:	None	Taste	None
CEC	Typically 112 meq/100g	pH	9.5-11.0 @ 5%solids
ISO TAPPI Brightness	Typically 29		

Wet Particle Size Minimum 99.0% finer than 300 mesh (53 microns)
Dry Particle Size Minimum 90.0% finer than 200 mesh (75 micron)

Chemical Formula Montmorillonite, a dioctahedral smectite (expanding phyllosilicate), having an ideal composition:



Elemental Analysis Typical analysis – moisture free.

SiO ₂	59.44%	Na ₂ O	3.37%
Al ₂ O ₃	19.46%	CaO	1.30%
MgO	3.22%	K ₂ O	1.13%
Fe ₂ O ₃	9.6%		

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

Packaging Available in multi-wall paper bags (25kgs), 1 metric tonne big-bags or bulk.

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