

AccoSorb[®] T

General Description	AccoSorb [®] T 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 minor amounts of quartz, calcite, plagioclase, opal and K-feldspar.		
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 140 meq /100g	pH	9.5-11.0@5%solids
ISO TAPPI Brightness	Typically 79		
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: (Na,Ca) _{0.33} (Al _{1.67} Mg _{0.33})Si ₄ O ₁₀ (OH) ₂ .nH ₂ O.)		
Elemental Analysis	Typical analysis – moisture free.		
	SiO ₂ 66.48 %`	Na ₂ O 3.36 %	
	Al ₂ O ₃ 17.59 %	CaO 2.97 %	
	Fe ₂ O ₃ 1.95 %	K ₂ O 0.44 %	
	MgO 6.88 %		
	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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