

AccoPure[®] P

General Description	High purity sodium montmorillonite, selectively mined, consisting of micronized particles and supplied as a free-flowing powder.		
Functional Use	This high purity montmorillonite is specially mined for use as a flocculant aid for industrial and municipal process and waste water treatment. When dispersed in a wastestream, AccoPure P binds with contaminants to help increase floc size. Resulting floc increases treatment efficiency, and improves effluent turbidity and suspended solid. Best performance is achieved when used in combination with a medium to high molecular weight cationic or non-ionic flocculant.		
Purity	Principally composed of the clay mineral montmorillonite. Contains minor amounts of quartz, calcite, and mica.		
Solubility	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	Taste	None
CEC	Typically 110 meq/100g	pH	9.5 – 11.5 @ 5% solids
Dry Brightness (ISO TAPPI)	> 30		
Wet Particle Size	Minimum 99.8% finer than 200 mesh (74 microns).		
Dry Particle Size	Minimum 99.0% finer than 200 mesh (74 microns).		
Chemical Formula	Diocahedral smectite, an expanding layer silicate: $(\text{Na,Ca})_{0.33} (\text{Al}_{1.67}\text{Mg}_{0.33})\text{Si}_4\text{O}_{10}(\text{OH})_2 \cdot n\text{H}_2\text{O}$		
Packaging	5-ply multi-wall poly-lined bags 25kg net, or 1,000kg net jumbo bags.		

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