

**Magnesium Aluminum  
Silicate (MAS)  
Hydroclassified**

Revised 05/25/01

**MAGNABRITE® T**

<b>General Description</b>	Highly-purified, selected blend of white smectite clays supplied as small flakes to ease dispersion – Technical grade.		
<b>Functional Use</b>	Used whenever an inorganic, thixotropic material is desired to disperse pigments, retard settling, impart body or stabilize emulsions. Magnabrite T is a nonmigrating binder which delivers high yield values that enable the successful suspension of high-density pigments and particles.		
<b>Purity</b>	Magnabrite T is specially produced to control both purity and performance.		
<b>Solubility</b>	Insoluble in water or alcohol; one gram of clay produces a surface area greater than 750 sq. meters when fully dispersed.		
<b>Brightness</b>	78 minimum	<b>Texture</b>	Soft, slippery
<b>Moisture</b>	10% maximum as shipped	<b>Odor</b>	None
<b>Viscosity</b>	800 - 2200 cps @ 5% solids	<b>Taste</b>	None
<b>pH</b>	8.5-10.5 @ 5% solids	<b>Color</b>	White to off-white
<b>Spec. Gravity</b>	2.6		
<b>Dry Particle Size</b>	Minimum 99.00% finer than 200 mesh (74 microns).		
<b>Wet Particle Size</b>	Minimum 99.75% finer than 200 mesh (74 microns). Minimum 99.00% finer than 325 mesh (44 microns).		
<b>Elemental Composition</b>	Typical analysis – moisture free.		
	SiO <sub>2</sub>	70.93 %	
	Al <sub>2</sub> O <sub>3</sub>	10.33 %	
	MgO	9.17 %	
	Fe <sub>2</sub> O <sub>3</sub>	1.51 %	
	CaO	5.23 %	
	Na <sub>2</sub> O	1.02 %	
	K <sub>2</sub> O	0.76 %	
	LOI	5.10 %	
<b>Packaging</b>	5-ply multi-wall poly-lined bags, moisture-resistant, 50 pound net.		

**Disclaimer:** The information and data contained herein are believed to be accurate and reliable. ACC makes no warranty of any kind and accepts no responsibility for the results obtained through application of this information