

**KAOLIN MegaFil 501**  
**(TECHNICAL SPECIFICATIONS)**

**Chemical Specifications**

Alumina	Al <sub>2</sub> O <sub>3</sub>	38.00%
Silicon Dioxide	SiO <sub>2</sub>	46.56%
Calcium Oxide	CaO	0.52%
Magnesium Oxide	MgO	0.40%
Ferric Oxide	Fe <sub>2</sub> O <sub>3</sub>	0.61%
Sodium Oxide	Na <sub>2</sub> O	0.12%
Potassium Oxide	K <sub>2</sub> O	0.12%
Titanium Oxide	TiO <sub>2</sub>	0.30%

**Physical Specifications**

Brightness	81.00%
Whiteness	84.70%
pH Value ( @ 10% Solu)	9.50
Oil Absorption	42.80ml/100 gms
Water Absorption	35.80ml/100gms
BD	0.44gm/cc
Moisture	0.47%
Particle Size above 14 Microns (1000 Mesh)	02.50%
Particle Size below 10 Microns (1250 Mesh)	90.00%
Mean Particle Size	4 Microns (2200 Mesh)
Lost on Ignition (LOI)	13.08%