

**KAOLIN MEGAFIL 401**  
**(TECHNICAL SPECIFICATIONS)**

**Chemical Specifications**

|                 |                                |        |
|-----------------|--------------------------------|--------|
| Alumina         | Al <sub>2</sub> O <sub>3</sub> | 37.20% |
| Silicon Dioxide | SiO <sub>2</sub>               | 45.32% |
| 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               | 80.50%          |
| Whiteness                | 83.00%          |
| pH Value ( @ 10% Solu)   | 9.50            |
| Oil Absorption           | 42.77ml/100 gms |
| Water Absorption         | 35.00ml/100gms  |
| BD                       | 0.50gm/cc       |
| Moisture                 | 1.00%           |
| Particle Size (400 Mesh) | 00.50%          |
| Lost on Ignition (LOI)   | 13.00%          |

