

Aluminum Silicate

Owing to the support of our formulating facilities, we are offering a premium quality array of **Aluminum Silicate**. The products we offer are light in weight and super white in color. Our aluminum silicates consists of high degree of brightness, low plasticity and ease of dispersion. Owing to low bulk density, less moisture content, excellent electrical & mechanical properties and constant viscosity, these products are highly demanded in the market.

Physical & chemical properties:

- Chemical formula: $\text{Al}_2\text{O}_3 \cdot 2\text{SiO}_2 \cdot 2\text{H}_2\text{O}$
- Volatile matter: max 10.0%
- Oil absorption: $80 \pm 5\%$
- Physical properties: Appearance super white fine powder
- Sp. gravity: 2.5-2.6
- PH Value: 8.0-8.5
- Chemical composition:
 - SiO_2 : 65%
 - Al_2O_3 : 33%
 - Fe_2O_3 : 0.5%

Applications:

- Paints: As a partial replacement of TiO_2 in latex paints & distempers
- Paper: As a coating pigment in paper sizing and paper bonds
- PVC and plastic: As general filler and as a filler in Linoleum, flooring & foam products
- Misc. Application: As a filter in leather boards, surgical gloves, reinforcing filler in rubber footwear, cable industry and insulation compounds
- Normal Supplies: 325 / 400 mesh/or as per customer's demands
- Packing: HDPE bags 25 Kg. Nett
- Material Storage: It is non-hazardous & non-flammable. Material should be stored in dry & well ventilated area.