

**APPLICATIONS**

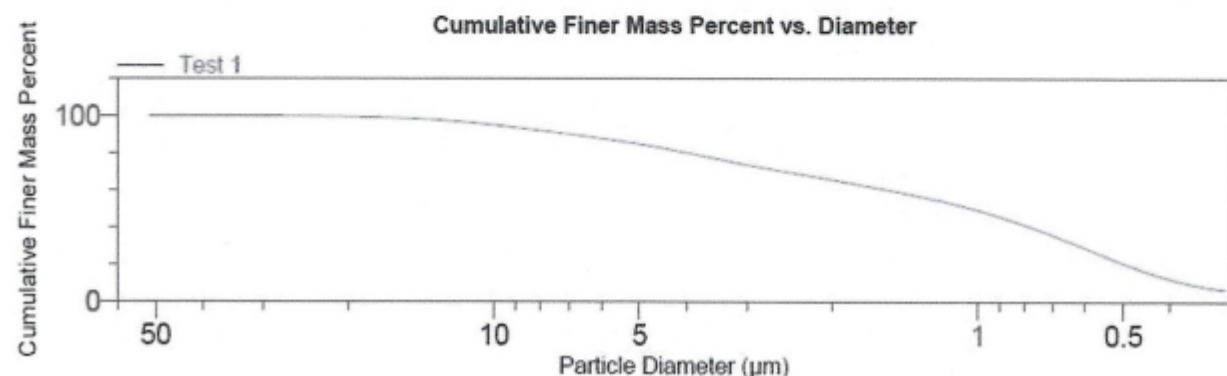
- It helps in systematic spacing of Titanium Dioxide, allowing/ helping partial replacement of same without affecting the Optical / Physical / Performance Properties of Paint. It improves Suspension, Texture & Viscosity.
- It's fine Particle Size Distribution & High brightness helps in partial replacement of Titanium Dioxide up to %10 Hence, helps in reducing overall formulation cost.
- It is recommended for High and Medium, rubber seals and precision rubber products, PVC water based paints, & Primers formulations. ( Flat / Matt / Eggshell Finish )

**Usage Areas**

High PVC water based paints

- Engineering plastics
- Pharmaceuticals Stoppers
- Rubber
- Greenhouse Films
- PVC Pipes
- Refractory Cables.

| <u>Parameters</u>                       | <u>Specification</u> | <u>Parameters</u>                           | <u>Specification</u> |
|-----------------------------------------|----------------------|---------------------------------------------|----------------------|
| -Brightness (Hunter lab, ISO, %)        | 90.0 -91.0           | -Density (Loose, g/cc)                      | 0.25 - 0.35          |
| -Moisture (105°C, 1 Hour, %)            | 0.5 max              | -Specific Gravity                           | 2.55 – 2.65          |
| -pH (10% Solution, W/W)                 | 5.5 - 6.5            | <b><u>Component Analysis</u></b>            |                      |
| -Particles <2 Microns (Sedigraph, %)    | 60 - 65              | -Al <sub>2</sub> O <sub>3</sub> Content (%) | 42 - 44              |
| -D50 Median Value (Sedigraph, Microns)  | 1.1 - 1.3            | -SiO <sub>2</sub> Content (%)               | 52 - 54              |
| -Retention on 500 Mesh (Wet Sieving, %) | 0.3 max              | -Fe <sub>2</sub> O <sub>3</sub> Content (%) | 0.5 max              |
| -Oil Absorption Value (g/100g)          | 45 - 55              | -TiO <sub>2</sub> Content (%)               | 1.2 max              |
| -BET Surface Area (m <sup>2</sup> /g)   | 5.0 - 7.0            | -Loss on Ignition (%)                       | 0.5 max              |



**Packing Available:** 25 Kg Laminated PP Bags, 650kg & 1.0MT Jumbo Bags