

## **HIGH PERFORMANCE CALCINED CHINA CLAY ( KAOLIN )**

### **HYPER COAT – T**

CAS-Nr.: 66402 – 68 - 4

**HYPER COAT – T** is a high brightness & ultrafine calcined aluminum silicate pigment having outstanding opacifying characteristics. Hypercoat T is produced by multi stage refining and calcination process. Hypercoat improves the opacity and reduce the Tio<sub>2</sub> level in both water and solvent base and it can be used as an replacement for synthetic aluminum silicate opacifiers without any loss in dry film properties. Hypercoat T has the advantage that it gives lower paint viscosity than the synthetic silicates.

### **PHYSICAL PROPERTIES**

| Properties   | Units       | HYPERCOAT - T                                    | Test Method    |
|--|-------------|--|----------------|
|  |             | Colour   | White          |
| Physical form  |             | Powder   |                |
| Brightness   | ISO         | 92 ± 2   | ISO            |
| Ph ( 10 % of Aq. Slurry )  |             | 5 – 7  | ISO 787 / IX   |
| Moisture   | %           | Max 0.5  | ISO 787 / II   |
| Bulk Density   | (Gm/liter)  | 280 – 320  | DIN 468        |
| Residue on 325 #   | ppm         | 130 Maximum                                      |                |
| <ul style="list-style-type: none"> <li>• D (50) – 50% particle Below</li> <li>• %Below 10 μ</li> <li>• %Below 2 μ</li> <li>• %Below 1 μ</li> </ul> | Microns     | 0.7 ± 0.10<br>97 ± 2<br>75 ± 2 Minimum<br>45 ± 2 | Sedigraph 5100 |
| Oil Absorption   | Gm/100gm    | 60 ± 5   | ISO 787 / V    |
| Flow Point   | ml / 100 gm | 60 ± 5   |                |
| Special Gravity  |             | 2.60 – 2.62                                      | ISO 787 / X    |

**20 MICRONS  
LIMITED**

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