



บริษัท พลวัต อินเตอร์เคม จำกัด

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SPECIFICATION SHEET

Colloidal Zinc Oxide
(Purity: 99.7%)

| Composition | Specifications |
|--------------------------------------|----------------|
| Zinc Oxide | 99.7% Min |
| Lead Oxide | 0.005% Max |
| Cadmium Oxide | 0.002% Max |
| Iron Oxide | 0.002% Max |
| Copper Oxide | 0.0005% Max |
| Manganese | 0.0001% Max |
| Metallic Metals (As/Zn) | None |
| Heat Loss (105 c) | 0.10% Max |
| Water Soluble | 0.10% Max |
| Insoluble in HCL | 0.01% Max |
| Sieve Reject (325 mesh) | 0.02% Max |
| BET Surface Area (m ² /g) | 7-10 |
| Appearance | White Powder |

Packing: PP Laminated Woven Bags 25 kg. Size

Applications / Uses:

Rubber: Effective as an activator of accelerators in the vulcanisation process. Other prominent rubber applications include foam control in lattices, reinforcement filler, improved heat conductivity and aging in flexing in stocks.

Paint: As a pigment in exterior house paints, UV absorber, soap formation in films, inhibitor of mould and mildew by fungi static properties. In metal primets paints improves suspension and improves water resistance.

Glass, Ceramics and Porcelain: Reduces the coefficient of thermal expansion, imparts high brilliance and luster and high stability against deformation under stress.

Stock Feed: It is recognised as an essential mineral for all animal feeds, because of high purity, insolubility and low cost.

Other Applications: Zinc Oxide is used in adhesives, transparent rubber, electronics, photocopying, food can linings, U.V. resistant plastics, cosmetics, drugs, batteries, phosphates, stearate, matches, and agriculture.