## Chemie Ma-dani Hamadan Co.







## **Technical Data Sheet**

SHORT DESCRIPTION OF THE PRODUCTS: Precipitated Calcium Carbonate (PCC),

White Powder, coated

CHEMICAL ANALYSIS: CaCo<sub>3</sub> (ISO 3262-1) 96.5% min.

MqCo<sub>3</sub> 0.5% max. Fe<sub>2</sub>O<sub>3</sub> 0.04% max. Insoluble matter in HCL 0.1% max.

PHYSICAL PRODUCT DATA: Fineness:

> Particle < 2 µm 52% Particle < 5 µm 85% Mean particle size (d50%) 2.25 µm Top cut (d98%) 6.5 µm Residue on 45 µm sieves 0.04% max. Whiteness: 94-96% Crystal structure Calcite 0.05 % max.

Moisture (ex-works)

**GENERAL PRODUCT DATA:** Specific Gravity 2.70-2.72

**Bulk Density** 800-850 g/ml **pH value** (ISO 787/9) 9.0 - 10.0Oil absorption (ISO 787/5) 26-28 g/100g DOP absorption (ISO 787-5) 30-32 g/100g Coating Agent content: 2% min.

Cristal Shape: Rod form

## Applications:

This is special product for PVC application such as: Synthetic Leather, PVC Windows Profile (UPVC), PVC Sheet, PVC Panel, PVC wall panel, PVC tape, PVC Foam board, PVC Pipe and Fitting, Cable and wire and etc.

BARIN 9025 improves impact strength. Improve surface finish gloss, tension strength, elongation, save consumption of energy, save consumption of PVC and etc.

Solvent based paints (semi glass and matt), Primer, Printing Ink, Offset, and etc.

## 100 % by weight finer than 80 60 40 20 100 0.1 10 1 Particle size in microns

PARTICLE SIZE DISTRIBUTION

The information given in this technical data sheet is based on the present of our knowledge and experience. All data are based on our own tests. They don't release any buyer from making his own test and assessments because of the many possible factors which can affect the use and application of our products. A legal liability for any of the properties or suitability for a specific usage cannot be concluded from our data. V.201094