Chemie Ma-dani Hamadan Co. (CMHCO)







152C

Product information

DESCRIPTION OF PRODUCTS: Precipitated Calcium Carbonate (PCC),

White Powder, Pigmentary properties.

Easy dispersion powder.

CHEMICAL PROPERTIES: CaCo3 (content) 97.7% min.

MgCo3 0.5% max. Fe2O3 0.03% max. Insoluble matter in HCL (ISO 3262-6) 0.16% max.

PHYSICAL PROPERTIES:

GENERAL PRODUCT DATA

Volatile matter at 105° C (ISO 787-2) 0.3% max.

pH value (ISO 787-9) 9.0 - 10.0

Fineness:

62% Particle < 2 µm (Cilas 1064) Particle < 5 µm (Cilas 1064) 90% Mean particle size (d50%) 1.96 µm 6.55 µm

Top cut (d97%)

Residue on 45 µm sieve (ISO 787-7) 0.02 % max.

Whiteness: (ISO 2470) 95-97%

Crystal structure Calcite- Aragonite

Bulk density (ISO 787-11) 765 - 785 g/l Specific Gravity 2.70-2.72 Oil absorption (ISO 787-5) 29-31 g/100g 35 - 38 g/100g DOP absorption (ISO 787-2)

Coating agents 1.4%

Applications:

Polymers:

All various rigid plastics especially PVC products such as UPVC windows profiles, PVC sheets, tapes, pipes and etc.

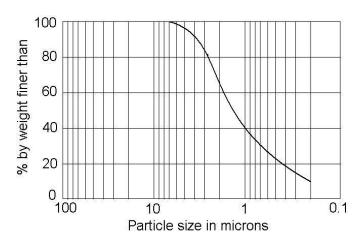
PE and PP Masterbatch

Improve the mechanical characteristics as well as appearance (whiteness, gloss, surface finish)

Paints and Coating:

Solvent based paints, semi-gloss and matt paints, (Optimize the use of Titanium Dioxide), Primers, Powder Coating, Road Marking, Composite and etc.

PARTICLE SIZE DISTRIBUTION



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