Product information

SHORT DESCRIPTION OF THE PRODUCTS: Nano Precipitated Calcium Carbonate (NPCC),
Appearance: White Powder,

CHEMICAL ANALYSIS OF THE RAW MATERIAL:

- CaCO₃ (ISO 3262-1): 95.5% min.
- MgCO₃: 0.02% max.
- Fe₂O₃: 0.03% max.
- Insoluble matter in HCL: 0.2% max.

PHYSICAL PRODUCT DATA:

- Mean particle size (d50%): 60-80 nm
- Top cut (d97%): 110 nm
- Residue on 45 µm sieve: 0.001% max.
- Whiteness: 94-95%
- Crystal structure: Aragonite
- Moisture (ex works): 0.1% max.

GENERAL PRODUCT DATA:

- Specific Gravity: 2.70-2.72
- pH value (ISO 787/9): 9.0 – 9.5
- DOP absorption (ISO 787/5): 30-32 ml/100g
- Coating agent content: 3% min.

Main applications:

- Plastisol, Car Coating,
- Plastic application, PVC, PE, PP, PET, ABS
- Polyurethane adhesives.

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