



TECHNICAL DATA SHEET

NHGCP2

Vincarb Ultra-fine Coated Calcium Carbonate Powder, for Standard PVC Compound used in PVC Gloves

Product Specification Overview

Product code	Surface Treatment	Application	End-product	Particle Size
NHGCP2	Coated	PVC Compound	PVC Gloves	5-74

PRODUCT DESCRIPTION

Vincarb NHGCP2 is an ultra-fine coated calcium carbonate powder specifically designed for PVC Compounds used in the production of PVC Gloves. The defining feature of NHG-CP2 is its 1% Stearic Acid coating, which transforms the particles into hydrophobic “lubricants” within the polymer matrix. This significantly lowers the viscosity of the PVC plastisol, allowing for faster line speeds and a more uniform, silky-smooth finish. With its 95% brightness, it ensures that even at high filler ratios, the gloves maintain a premium, clean aesthetic without the yellowish tint common in lower-quality minerals.

APPLICATIONS



SPECIFIC PRODUCT DATA

Physical Characteristics

Max Density	2.65 - 2.7g/cm3
Hardness	3 Moh
Brightness	95% Min
Whiteness	98% Min
Moisture	0.2%
DOP Oil Absorption	23g/100g
Axit Stearic	1%

Chemical Analysis

CaCO3 Content	98.5%
Min Fe2O3	0.01%
Max MgO	0.02%
Max SiO2	0.03%
Max Al2O3	0.02%

STANDARD PACKAGING

PP/PE 25kg bag | PP/PE 50kg bag | Jumbo bag