



TECHNICAL DATA SHEET

NHGCP3

Vincarb Ultra-fine Uncoated Calcium Carbonate Powder, for Standard PVC Compound used in Footwear

Product Specification Overview

Product code	Surface Treatment	Application	End-product	Particle Size
NHGCP3	Uncoated	PVC Compound	Footwear	5-74

PRODUCT DESCRIPTION

Vincarb NHGCP3 is an ultra-fine uncoated calcium carbonate powder specifically designed for PVC Compounds used in the production of PVC Gloves. Unlike standard fillers, NHGCP1 leverages its massive 98.5% purity and 3 Moh hardness to act as a structural stabilizer that doesn't wear down delicate dipping machinery. By maintaining a strict 0.2% moisture limit, it prevents the formation of micro-bubbles (pinholes) in the glove surface, which is critical for medical-grade integrity. This grade is the ultimate choice for manufacturers seeking a balance between high-loading cost savings and tactile sensitivity.

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

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