



TECHNICAL DATA SHEET

NHGCP4

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

Product Specification Overview

Product code	Surface Treatment	Application	End-product	Particle Size
NHGCP4	Coated	PVC Compound	Footwear	5-74

PRODUCT DESCRIPTION

Vincarb NHGCP4 is an ultra-fine coated calcium carbonate powder specifically designed for PVC Compounds used in the production of Footwear. This grade is engineered for high-speed injection molding where flow is everything. The Stearic Acid treatment reduces internal friction during processing, preventing “scorch” marks and ensuring that complex sole designs are filled perfectly every time. By optimizing DOP oil absorption at 23g/100g, NHGCP4 allows for a more flexible final product that can withstand millions of flex-cycles without cracking.

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