



TECHNICAL DATA SHEET

NHGCP11

Vincarb Ultra-fine Uncoated Calcium Carbonate Powder, for Standard Filler Masterbatch used in PP Non-woven

Product Specification Overview

Product code	Surface Treatment	Application	End-product	Particle Size
NHGCP11	Uncoated	Filler Masterbatch	PP Non -Woven	5-74

PRODUCT DESCRIPTION

Vincarb NHGCP11 is an ultra-fine uncoated calcium carbonate powder specifically designed for Masterbatches used in the production of PP Non-woven fabrics. In the delicate process of high-speed fiber spinning, NHGCP11 stands out by maintaining a strict 0.2% moisture level, which is critical to preventing fiber breakage during extrusion. With its 98.5% purity and 98% whiteness, it provides a clean, bright base that allows manufacturers to use less titanium dioxide TiO₂, significantly lowering the cost of white fabrics while maintaining high opacity.

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