



TECHNICAL DATA SHEET

NHGCP 20

NH-Hcarb 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
NHGCP20	Uncoated	Filler Masterbatch	PP Non -Woven	5-74

PRODUCT DESCRIPTION

NH-Hcarb NHGCP20 is an ultra-fine uncoated calcium carbonate powder specifically designed for Masterbatches used in the production of PP Non-woven fabrics. In non-woven production, even the smallest impurity can cause a fiber to snap. This grade's ultra-low moisture (0.2%) and high chemical purity ensure the melt stays consistent. The 98% whiteness provides the clean, medical-grade look required for face masks and surgical gowns, allowing for high filler loading without compromising the fabric's "snow-white" appearance.

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