



TECHNICAL DATA SHEET

NHGCP19

NH-Hcarb Ultra-fine Coated Calcium Carbonate Powder, for Standard Filler Masterbatch used in PP Woven

Product Specification Overview

Product code	Surface Treatment	Application	End-product	Particle Size
NHGCP19	Coated	Filler Masterbatch	PP Woven	5-74

PRODUCT DESCRIPTION

NH-Hcarb NHGCP19 is an ultra-fine coated calcium carbonate powder specifically designed for Masterbatches used in the production of PP Woven bags. The 1% Stearic Acid coating is the standout feature here; it creates a chemical bridge between the mineral and the PP resin. This bonding prevents the “chalking” effect where the powder falls out of the fabric. With a 95% brightness, it ensures that the woven tapes look vibrant and premium, providing an excellent surface for high-resolution brand logos.

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