



TECHNICAL DATA SHEET

NHGCP 18

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

Product Specification Overview

Product code	Surface Treatment	Application	End-product	Particle Size
NHGCP18	Uncoated	Filler Masterbatch	PP Woven	5-74

PRODUCT DESCRIPTION

NH-Hcarb NHGCP18 is an ultra-fine uncoated calcium carbonate powder specifically designed for Masterbatches used in the production of PP Woven bags. This grade is engineered to maximize loading capacity; its 98.5% purity allows manufacturers to replace a significant portion of expensive virgin resin without sacrificing the bag's weight-bearing capacity. The 98% whiteness ensures that the woven tapes remain bright and opaque, providing a high-quality look for industrial packaging while significantly reducing the overall cost per unit.

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