



TECHNICAL DATA SHEET

NHGCP7

Vincarb Ultra-fine Uncoated Calcium Carbonate Powder, for Standard PVC Pipes used in PVC Pipes

Product Specification Overview

Product code	Surface Treatment	Application	End-product	Particle Size
NHGCP7	Uncoated	PVC Pipes	PVC Pipes	5-74

PRODUCT DESCRIPTION

Vincarb NHGCP7 is an ultra-fine uncoated calcium carbonate powder specifically designed for PVC Compounds used in the production of PVC Pipes. NHGCP7 is engineered to maximize the “Ring Stiffness” of uPVC pipes. Its high CaCO_3 purity ensures that the pipes can withstand high internal pressure and external soil loads without deformation. The particle distribution is optimized to fill the microscopic gaps between PVC resin chains, resulting in a denser, more impact-resistant pipe wall that excels in both civil and industrial drainage systems.

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