GLOBAL MINERALS

TECHNICAL DATA SHEET

NHGCP 16

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

Product Specification Overview

Product code	Surface Treatment	Application	End-product	Particle Size
NHGCP16	Uncoated	Rubber	Rubber	5-74

PRODUCT DESCRIPTION

Vincarb NHGCP16 is an ultra-fine uncoated calcium carbonate powder specifically designed for Rubber applications. This grade focuses on the mechanical synergy between the mineral and the rubber polymer. The 98.5% $CaCO_3$ purity ensures that no chemical side-reactions interfere with the vulcanization process. By keeping moisture at 0.2%, it prevents internal steam pockets during high-temperature molding, resulting in a denser, stronger rubber product with better tensile strength and a cleaner finish.

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

$CaCO_3$ Content	98.5%
Min Fe_2O_3	0.01%
Max MgO	0.02%
Max SiO_2	0.03%
Max Al_2O_3	0.02%

STANDARD PACKAGING

PP/PE 25kg bag | PP/PE 50kg bag | Jumbo bag