



## ULTRA FINE FILLERS

*The Ultimate in Fineness*

## GROUND CALCIUM CARBONATE For CABLE INSULATION PVC COMPOUNDS Grade: UCAB

Ultra Pure White Natural Calcium Carbonate micronized by latest foreign technology plants under strict quality control, the ultimate fine coated for PVC Cable Insulation and Compounds

### ADVANTAGES //

- Enhances Insulation's Dielectric Strength → Improved Working Voltage, IR / VR Properties
- Homogenous Dispersion of Filler in PVC Matrix
- Reduces Filler Agglomeration → Higher Filler Loading
- Increases Operational Temperature Range
- Imparts Better Mechanical Properties

### PROPERTIES //

PROPERTIES	UCAB-HD	UCAB-G	UCAB-BW
Whiteness (%)	97-98 %	96-97 %	97 – 98 %
CaCo <sub>3</sub> (%)	98 – 99	97 – 98	98 % (Carbonates)
Free Silica (%)	< 1	< 1.5	< 1.5
Bulk Density (gm/l)	< 0.75	< 0.80	< 1.10
Moisture (Ex-Works)	0.2 %	0.2 %	0.2 %
Particle Size Range (D <sub>97</sub> )	8 - 10 µm	8 - 10 µm	10 – 12 µm
Mean Particle Size (D <sub>50</sub> )	1.8 – 2.5 µm	1.8 – 2.5 µm	< 3.5 µm

**Disclaimer:** All chemical and physical properties shown are average values and do not form part of specification. The information contained herein, is to our best knowledge true and accurate, but as the conditions of use are beyond our control, we disclaim any liability, including for patent infringement, incurred in connection with the use of these products, data or suggestions.

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