

CHARLES B. CHRYSTAL CO., INC

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INDUSTRIAL MINERALS SINCE 1897

NANOMETRIC, STEARATE SURFACE TREATED PRECIPITATED CALCIUM CARBONATE

This PCC is specially produced to nanometric size. It is surface treated with stearic acid to increase its ease of dispersion. Consider this nanometric PCC a high performance filler and functional additive. It will enhance the physical properties of a variety of polymeric matrices: in Rigid PVC applications it improves impact, strength and weatherability. In injection molded and extruded parts it produces an exceptional smoothness and gloss. It will lower the gas permeability of the product, a benefit to sealants

CHEMICAL (Before Treatment):

CaCO ₃	98%
MgCO ₃	Less than 0.1%
Fe ₂ O ₃	Less than 0.1%
Moisture	Less than 0.2% @ 110 C

PHYSICAL:

Appearance	Very white powder
Dry Brightness	98 Hunter Y
Specific Gravity	2.7
Density Loose	0.24 gr/cc
Density Tapped	0.48 gr/cc
Surface Area	19 m ² /gr
Residue	0.1% @ 325 mesh
Passing 500 nano	99%
Passing 200 nano	98%
Passing 100 nano	85%
Passing 70 nano	50%
Passing 50 nano	12%

PACKING: 50 bags per pallet, 50 lbs net/bag. Pallet size in inches: 54 x 42 x 52 high

Super Sacks 1000 lbs/sack, sack on pallet. Size in inches: 42 x 42 x 50 high

ORIGIN: USA