

CHARLES B. CHRYSTAL CO., INC

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INDUSTRIAL MINERALS SINCE 1897

CALCIUM CARBONATE UPF PRECIPITATED

This PCC is a surface treated, high performance, ultrafine precipitated Calcium Carbonate. Considered a functional additive, UPF PCC enhances the physical properties of a variety of polymeric matrices, in Rigid PVC applications UPF PCC improves impact strength and weatherability. UPF PCC used in a formulation produces injection molded and extruded parts of exceptional smoothness and gloss.

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 0.5 Micron	99%
Passing 0.2 Micron	98%
Passing 0.1 Micron	85%
Passing 0.07 Micron	50%
Passing 0.05 Micron	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