

PERFORMANCE MINERALS FOR PAPER

ALBAFIL® (Adams, MA)

precipitated calcium carbonate (pcc)

ALBAFIL® pcc is a very fine, pure precipitated calcium carbonate with an average particle size of 0.7 microns and excellent brightness. Its precisely controlled particle size, narrow distribution and symmetrical particle shape make it especially useful in powder coatings and in specialty thin film applications.

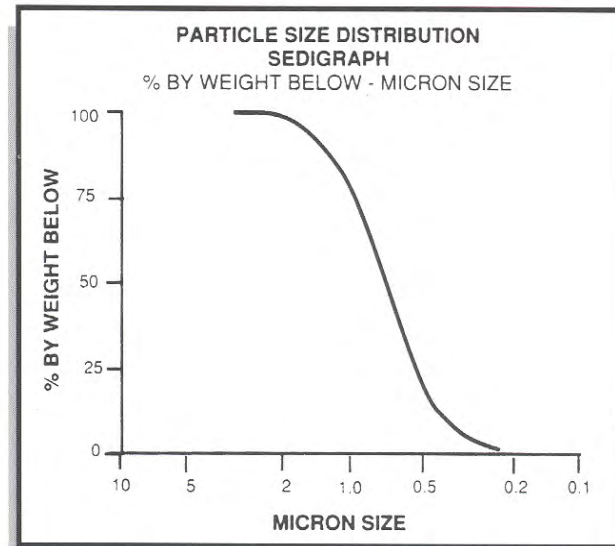
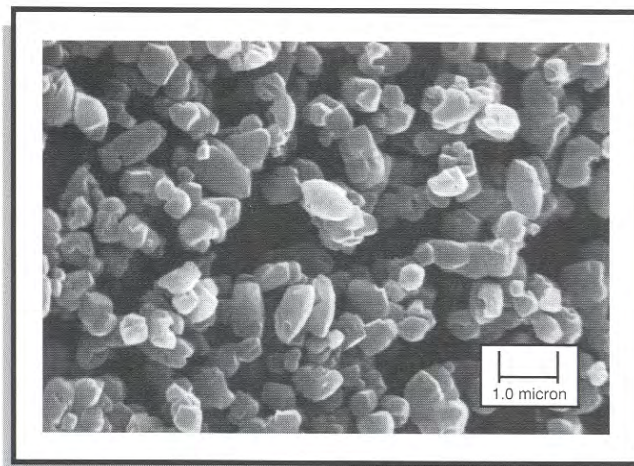
Typical Properties

Particle Shape	Symmetrical
Median Particle Size, μm	0.7 (Sedigraph 5100)
+ 325 Mesh Residue, %	0.2 (Dispersed wet sieve)
Specific Gravity	2.7
Dry Brightness (Hunter Y, Rd value)	98
Bulk Density (pounds/ft ³)	17
(grams/cc)	0.27
Tap Density (pounds/ft ³)	33
(grams/cc)	0.53
Oil Absorption (grams/100 grams pigment)	30

Chemical Composition

(typical)

Calcium Carbonate	CaCO ₃	97%
Magnesium Carbonate	MgCO ₃	2%
Iron as	Fe ₂ O ₃	<0.1%
Moisture	H ₂ O	0.2%



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