

PERFORMANCE MINERALS FOR PAPER

ALBACAR® LO SLURRY

precipitated calcium carbonate (pcc)

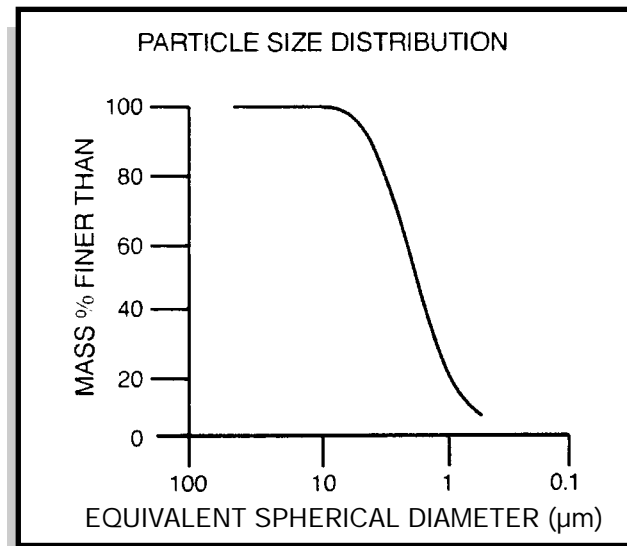
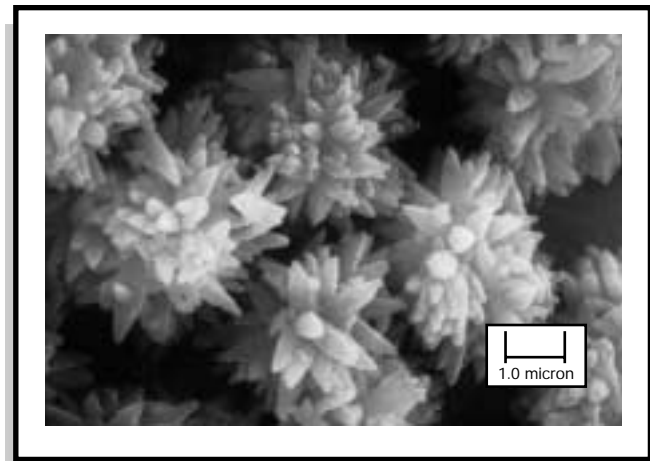
ALBACAR® LO scalenohedral precipitated calcium carbonate is the ideal mineral filler where maximum paper caliper (bulk) is required. ALBACAR® LO pcc particle morphology, average particle size and particle size distribution are controlled during synthesis to provide economical paper opacity, brightness and bulk. Optimized filler bulk helps maintain paper grade stiffness.

Typical Properties

Particle Shape	Rosette
Median Particle Size, μm	2.2 (Sedigraph 5100)
+ 325 Mesh Residue, %	<.005 (Dispersed wet sieve)
Dry Brightness (Hunter Y, Rd value)	96
Einlehner Abrasion, mg	6 (Model AT-1000 at 174,000 rev., brass wire)
Surface Area meters ² /gram	6

Chemical Composition (typical)

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



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