

PERFORMANCE MINERALS FOR SPECIALTY APPLICATIONS

ALBACAR® 5970

precipitated calcium carbonate (pcc)

ALBACAR® 5970 precipitated calcium carbonate (pcc) has a unique rosette (scalenohehdral) particle shape. This rosette structure makes ALBACAR® 5970 pcc useful in applications where a high oil absorption and high viscosity are desired.

ALBACAR® 5970 pcc is produced at Adams, MA under controlled conditions to yield a pigment of high purity, with a narrow particle size distribution.

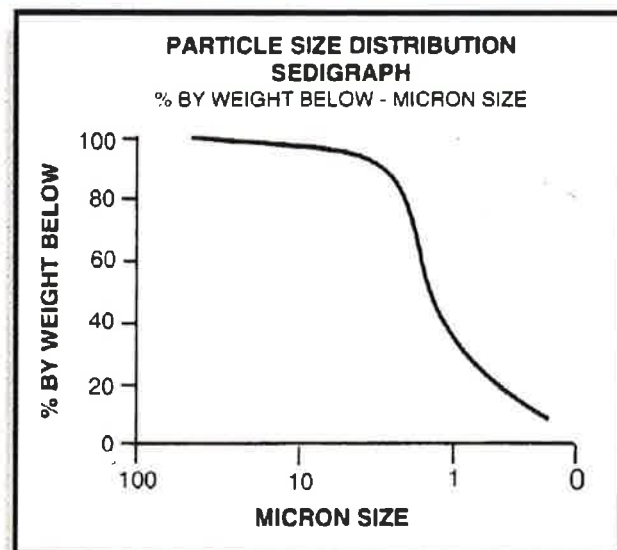
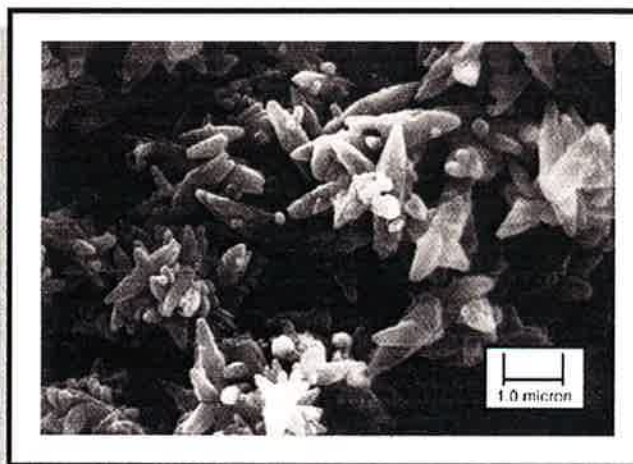
ALBACAR® 5970 pcc can be used as a filler in plastics, rubber, paints, adhesives, sealants, and caulks. It is also useful as a filler and a coating pigment in paper.

Typical Properties

Particle Shape	Rosette
Median Particle Size (microns)	1.9
+325 Mesh Residue, (weight percent)	0.03
Specific Gravity	2.7
Dry Brightness (Hunter Y, Rd value)	.98
Bulk Density (pounds/ft ³)	14
(grams/cc)	0.22
Tap Density (pounds/ft ³)	31
(grams/cc)	0.50
Oil Absorption (grams/100 grams pigment)	50

Chemical Composition (typical)

Calcium Carbonate	CaCO ₃	98%
Magnesium Carbonate	MgCO ₃	1%
Iron as	Fe ₂ O ₃	0.06%
Moisture (% weight loss @ 110° C)	H ₂ O	0.2%



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