

PERFORMANCE MINERALS FOR SPECIALTY APPLICATIONS

Thixo-Carb[®] 500

precipitated calcium carbonate (pcc)

Thixo-Carb[®] 500 precipitated calcium carbonate (pcc) is a unique surface coated, ultrafine pcc of uniform particle size designed specifically for use in polyurethanes, epoxy and butyl polymeric sealant systems. Controlled particle size and narrow distribution coupled with the unique surface coating, combined to form a rheologically functional additive providing thixotropy and viscosity control resulting in improved sag and slump characteristics. In addition the semi-reinforcing nature of Thixo-Carb[®] 500 pcc yields improved physical properties providing the formulator flexibility in designing a cost efficient, high performance sealant system.

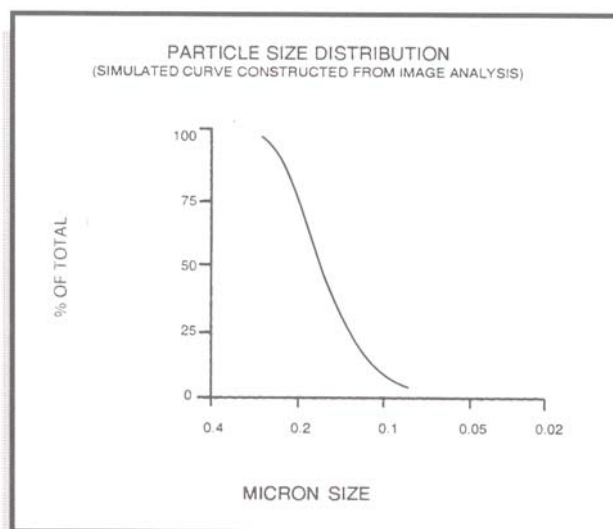
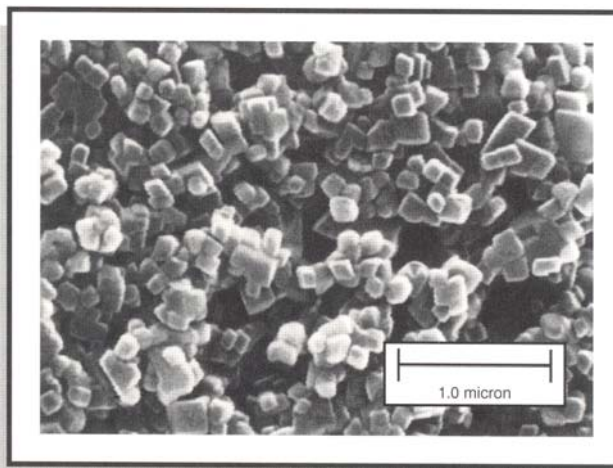
Typical Properties

Surface Area (m ² /grams)	9.8
Average Particle Size (microns)	0.15
Oil Absorption (gm oil/100 gm filler)	22.4
Specific Gravity	2.7
Bulk Density (lb/ft ³)	15.4
(gm/cc)	0.25
Tap Density (lb/ft ³)	36.2
(gm/cc)	0.58

Chemical Composition

(typical – before treatment)

Calcium Carbonate	CaCO ₃	98%
Magnesium Carbonate	MgCO ₃	<0.1%
Iron as	Fe ₂ O ₃	<0.1%
Moisture (% weight loss @ 110° C)	H ₂ O	<0.2%



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