

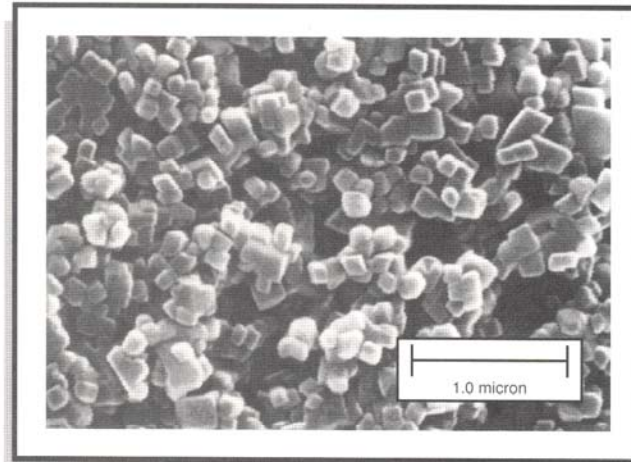
## PERFORMANCE MINERALS FOR SPECIALTY APPLICATIONS

# Thixo-Carb™ 300

## precipitated calcium carbonate (pcc)

Thixo-Carb™ 300 precipitated calcium carbonate (pcc) is a surface treated, ultrafine pcc providing controlled particle size and narrow distribution designed specifically for application in polyurethanes, polysulfides, pvc plastisols, epoxy and butyl systems.

Thixo-Carb™ 300 pcc is a functional additive providing thixotropy and viscosity control resulting in improved sag and slump characteristics. Physical properties are improved due to the semi-reinforcing performance of Thixo-Carb™ 300 pcc providing the formulator opportunities for cost effective development of high performance sealant systems.



### Typical Properties

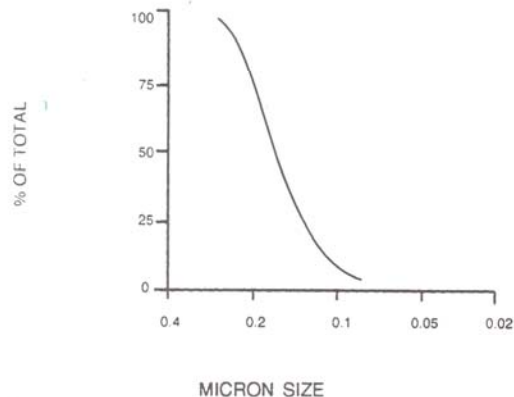
Surface Area (m <sup>2</sup> /grams)	12
Average Particle Size (microns)	0.15
Oil Absorption (gm oil/100 gm filler)	25
Specific Gravity	2.7
Bulk Density (lb/ft <sup>3</sup> )	11
(gm/cc)	0.17
Tap Density (lb/ft <sup>3</sup> )	24
(gm/cc)	0.38

### Chemical Composition

(typical – before treatment)

Calcium Carbonate	CaCO <sub>3</sub>	98%
Magnesium Carbonate	MgCO <sub>3</sub>	1%
Iron as	Fe <sub>2</sub> O <sub>3</sub>	<0.1%
Moisture (% weight loss @ 110°C)	H <sub>2</sub> O	<0.2%

PARTICLE SIZE DISTRIBUTION  
(SIMULATED CURVE CONSTRUCTED FROM IMAGE ANALYSIS)



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TC3000011198  
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