

MISSISSIPPI

PERFORMANCE MINERALS FOR SPECIALTY APPLICATIONS
THIXO-CARB[®] 700
Precipitated Calcium Carbonate (PCC)

THIXO-CARB[®] 700 PCC (precipitated calcium carbonate) is a surface treated, premium quality, high performance, ultrafine PCC. In sealants, particularly pvc plastisol, polysulfide, and polyurethane systems, THIXO-CARB[®] 700 PCC is a rheological additive providing thixotropy and viscosity control resulting in improved sag and slump characteristics of the sealant. The multi-functional aspect of THIXO-CARB[®] 700 PCC provides the formulator with a unique tool with which to solve demanding performance problems, while offering significant cost savings potential.

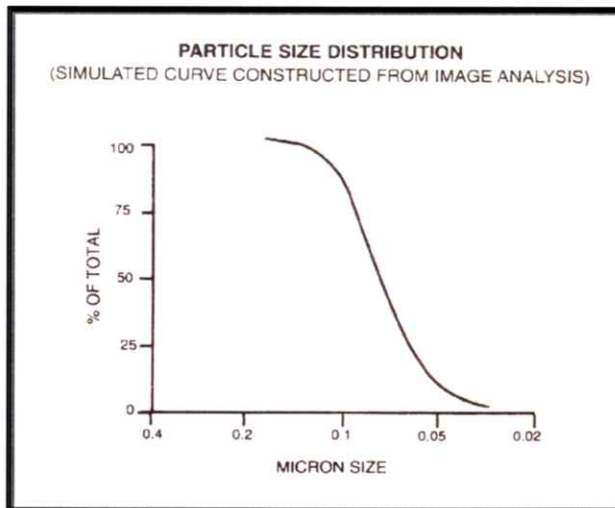
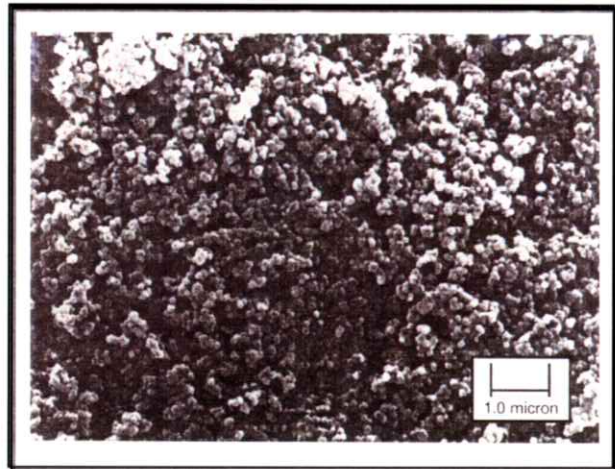


Typical Properties

| | |
|---|------|
| Average Particle Size (microns) | 0.07 |
| +325 Mesh Residue, (weight percent) | 0.1 |
| Specific Gravity | 2.7 |
| Dry Brightness (Hunter Y, Rd value) | 98 |
| Bulk Density (pounds /ft ³) | 15 |
| (grams/cc) | 0.24 |
| Tap Density (pounds /ft ³) | 30 |
| (grams/cc) | 0.48 |
| Surface Area (meters ² /grams) | 19 |

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 | H ₂ O | <0.2% |
| (% weight loss @ 110° C) | | |



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