

PERFORMANCE MINERALS FOR PAPER

CRYSTALGLOS® 40

Precipitated Calcium Carbonate (PCC)

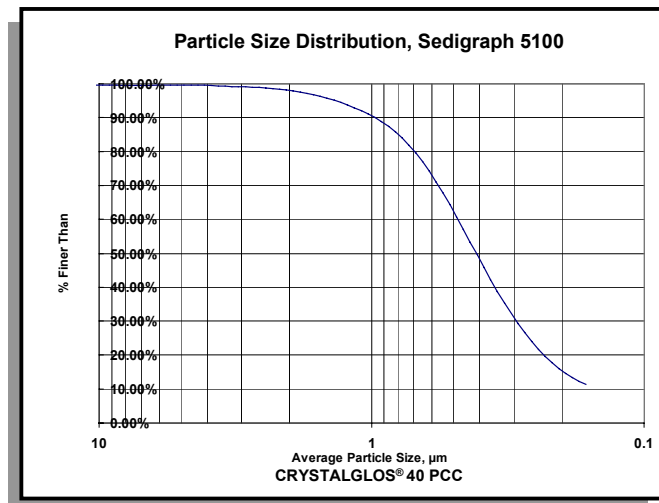
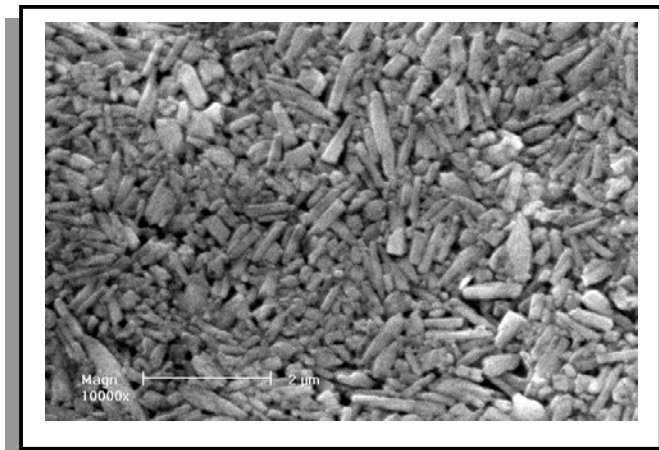
CRYSTALGLOS® 40 precipitated calcium carbonate is an excellent pigment for top coating bleached board and paper. Its fine particle size is designed to provide excellent glossability. Additionally, its narrow particle size distribution provides a balance of light scatter and rheology for brightness, opacity and runnability. The surface strength of paper coating made with CRYSTALGLOS® 40 PCC is greater than comparable coatings obtained from conventional pigments.

Typical Properties

Median Particle Size μm	0.4
(Sedigraph 5100)	
+325 Mesh Residue, %	<0.01
(Dispersed wet sieve)	
Dry Brightness (Hunter Y, Rd value).....	97
Solids, %	71
Surface Area meters ² /gram	12
Brookfield Viscosity, cps.....	<500
(model RVT, 20 rpm, Spindle 2)	

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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Sales Office

Bethlehem, PA • 800.801.1031
www.mineralstech.com

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