

ChemGrout®

"Equipment for Grouting Since 1969"

805 E. 31st Street, P.O. Box 1140

LaGrange Park, Illinois 60526

Phone: 708-354-7112 Fax: 708-354-3881

Material Testing Results

Date: June 2, 2003

E-Mail: info@chemgrout.com

Web Site: www.chemgrout.com

Manufacturer:	ChemMasters 300 Edwards Street Madison, OH 44057	Contact:	Robert Maple	
		Phone:	800-486-7866	
		Fax:	440-428-7091	
Material:	Conset Grout	Lot #	03507	
Material Application:	Non-shrink, non-metallic, high early, cementitious grout			
Mfg. Plant:	Madison, OH	Std. Bag Weight:	50 #	
Testing Conditions:	Outside Temperature: 74°F	Humidity:	47%	
Equipment Used:	Model: CG570 Mixer: Paddle	Pump:	2TJ6 Progressing Cavity	
		Power:	Hydraulic	
Std. Mix Ratios:	8-10 pints per 50 lb bag	Water Temp:	58 *F	
Batching Method:	Quantity Material: 150 lbs.	Quantity Water:	28 lbs	
Mixing Time:	180 Seconds	Batch Temp:	*F	
Specific Gravity:	SG = 2.10	Flow Cone	56 Seconds	
Pumping Method:	Recirculated through hose, recorded pressures at various flow rates.			
Flow Rate/Pressure:	Flow Rate	Pressure	Flow Rate	Pressure
Hose (1 1/4" x 25')	3.23 GPM	4 PSI	GPM	PSI
Hose ()	5.38 GPM	9 PSI	GPM	PSI
Hose ()	7.53 GPM	11 PSI	GPM	PSI
Hose ()	9.68 GPM	14 PSI	GPM	PSI
Hose ()	11.83 GPM	18 PSI	GPM	PSI
Hose ()	13.98 GPM	21 PSI	GPM	PSI
Hose ()	16.13 GPM	22 PSI	GPM	PSI
Hose ()	18.28 GPM	25 PSI	GPM	PSI
Hose ()	20.43 GPM	26 PSI	GPM	PSI
Hose ()	22.58 GPM	28 PSI	GPM	PSI

Observations: Dark gray, smooth looking product. Mixed and pumped easy, low discharge pressures. Estimate maximum hose length of 200 feet.

Results: ChemGrout, Inc. rates the pumpability of this product as a "8" out of 10, with 10 being the easiest. ChemGrout, Inc. recommends the CG050 pump or higher.