

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: Nov. 5, 2014

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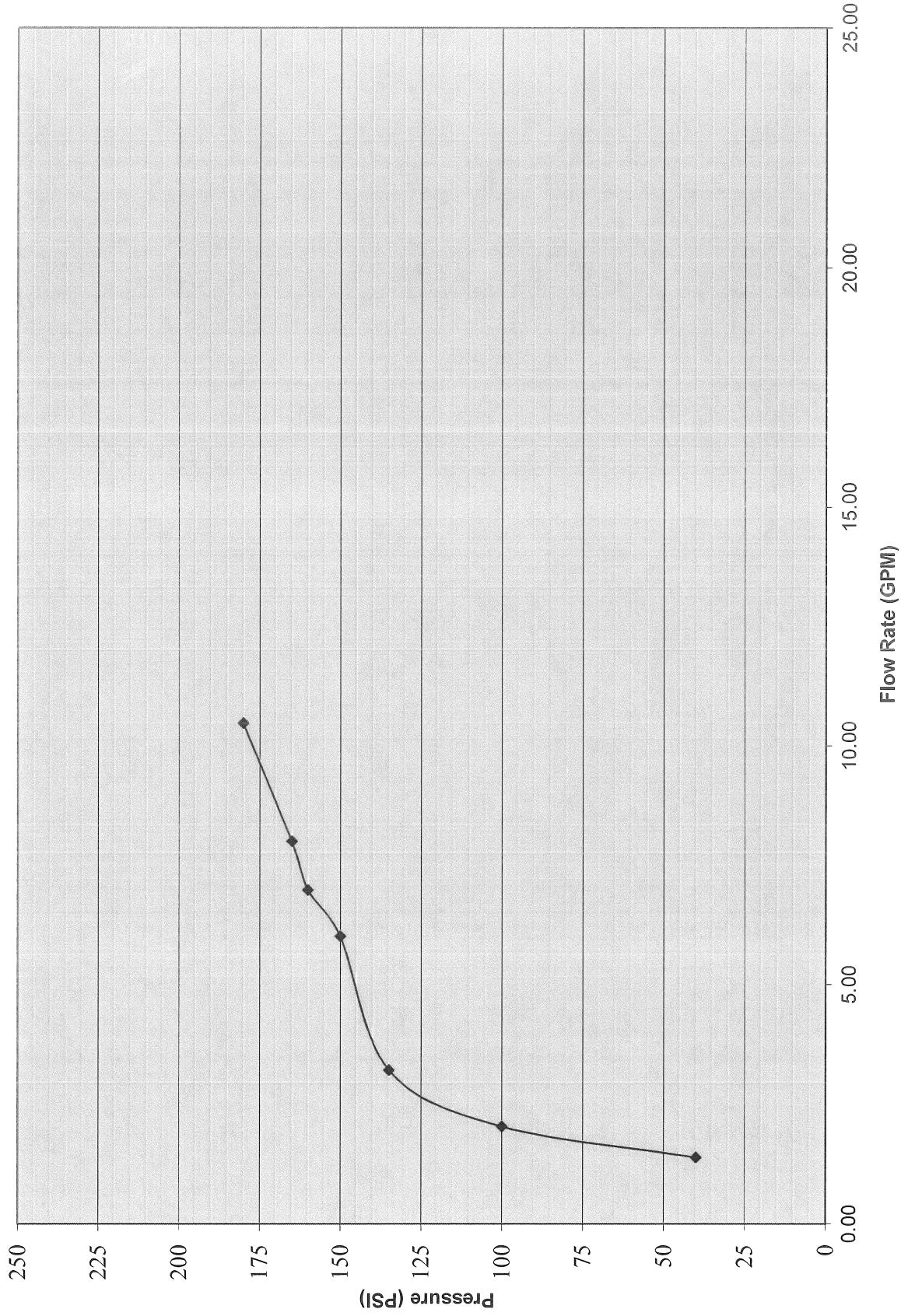
Manufacturer:	ChemMasters 300 Edwards Street Madison, OH 44057	Contact:	John Fauth Phone: 800-486-7866 Fax: 440-428-7091	
Material:	Gorilla Grout	Lot #	F424434	
Material Application:	Enhanced Strength Non-Shrink Grout			
Mfg. Plant:	Madison, OH	Std. Bag Weight:	50 #	
Testing Conditions:	Outside Temperature: 65°F	Humidity:	44%	
Equipment Used:	Model: CG570 Mixer: Paddle	Pump:	2TJ6 Progressing Cavity Power: Hydraulic	
Std. Mix Ratios:	50 lb bag to 7 3/4 pints water	Water Temp:	58 °F	
Batching Method:	Quantity Material: 150 lbs.	Quantity Water:	24.2 lbs	
Mixing Time:	180 Seconds	Batch Temp:	65 °F	
Specific Gravity:	SG = 2.10	Flow Cone	N/A 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 50')	1.4 GPM	40 PSI	GPM	PSI
Hose ()	2.1 GPM	100 PSI	GPM	PSI
Hose ()	3.2 GPM	135 PSI	GPM	PSI
Hose ()	6.0 GPM	150 PSI	GPM	PSI
Hose ()	7.0 GPM	160 PSI	GPM	PSI
Hose ()	8.0 GPM	165 PSI	GPM	PSI
Hose ()	10.5 GPM	180 PSI	GPM	PSI
Hose ()	GPM	PSI	GPM	PSI
Hose ()	GPM	PSI	GPM	PSI
Hose ()	GPM	PSI	GPM	PSI

Observations: Light Gray, smooth looking product. Mixed and pumped easy. Relatively low pumping pressure. Estimate max hose length of 150 feet.

Results: ChemGrout, Inc. rates the pumpability of this product as a "7" out of 10, with 10 being the easiest. ChemGrout, Inc. recommends the CG030 pump or higher.

ChemMasters Gorilla Grout

1 1/4" x 50' Hose



ChemGrout Sieve Test Data

Date Tested: Nov. 5, 2014

Tested By: Joe Schatz
Paul Biela

Manufacturer: ChemMasters

Contact: John Fauth
Phone: 440-428-2105
Fax: 440-428-7091

Material: Gorilla Grout

Lot# F424434

Hose Used: One 1.25 Inch I.D. x 50 Foot Long = Total 50 Foot

Sieve #	Weight Retained	% Retained	Cumulative Ret	Weight Passed	% Passed
4	0 Grams	0.0%	0.0%	500 Grams	100.0%
8	0 Grams	0.0%	0.0%	500 Grams	100.0%
16	37 Grams	7.4%	7.4%	463 Grams	92.6%
30	72 Grams	14.4%	21.8%	391 Grams	78.2%
50	120 Grams	24.0%	45.8%	271 Grams	54.2%
100	82 Grams	16.4%	62.2%	189 Grams	37.8%
200	79 Grams	15.8%	78.0%	110 Grams	22.0%
PAN	110 Grams	22.0%	100.0%	0 Grams	0.0%

Total Sample = 500 Grams

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