

# ChemGrout®

"Equipment for Grouting Since 1969"

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## Material Testing Results

Date: Nov. 5, 2014

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<b>Manufacturer:</b>	ChemMasters 300 Edwards Street Madison, OH 44057	<b>Contact:</b>	John Fauth	
		<b>Phone:</b>	800-486-7866	
		<b>Fax:</b>	440-428-7091	
<b>Material:</b>	Gorilla Grout	<b>Lot #</b>	F424434	
<b>Material Application:</b>	Enhanced Strength Non-Shrink Grout			
<b>Mfg. Plant:</b>	Madison, OH	<b>Std. Bag Weight:</b>	50 #	
<b>Testing Conditions:</b>	Outside Temperature: 65°F	Humidity:	44%	
<b>Equipment Used:</b>	Model: CG570 Mixer: Paddle	Pump:	2TJ6 Progressing Cavity	
		Power:	Hydraulic	
<b>Std. Mix Ratios:</b>	50 lb bag to 7 3/4 pints water	<b>Water Temp:</b>	58 °F	
<b>Batching Method:</b>	Quantity Material: 150 lbs.	Quantity Water:	24.2 lbs	
<b>Mixing Time:</b>	180 Seconds	<b>Batch Temp:</b>	65 °F	
<b>Specific Gravity:</b>	SG = 2.10	<b>Flow Cone</b>	N/A Seconds	
<b>Pumping Method:</b>	Recirculated through hose, recorded pressures at various flow rates.			
<b>Flow Rate/Pressure:</b>	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.