

ChemGrout®

"Equipment for Grouting Since 1969"

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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:	Kemset Grout	Lot #	F424149	
Material Application:	Precision, High Strength, Non-Shrink, Non Metallic Grout			
Mfg. Plant:	Madison, OH	Std. Bag Weight:	50 #	
Testing Conditions:	Outside Temperature: 65°F	Humidity:	42%	
Equipment Used:	Model: CG570 Mixer: Paddle	Pump:	2TJ6 Progressing Cavity Power: Hydraulic	
Std. Mix Ratios:	50 bag to 9.5 pints water	Water Temp:	58 °F	
Batching Method:	Quantity Material: 150 lbs.	Quantity Water:	29.7 lbs	
Mixing Time:	180 Seconds	Batch Temp:	65 °F	
Specific Gravity:	SG = 2.1	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' Hose)	2.7 GPM	5 PSI	GPM	PSI
Hose ()	5.1 GPM	10 PSI	GPM	PSI
Hose ()	6.8 GPM	25 PSI	GPM	PSI
Hose ()	8.1 GPM	30 PSI	GPM	PSI
Hose ()	9.9 GPM	35 PSI	GPM	PSI
Hose ()	11.3 GPM	40 PSI	GPM	PSI
Hose ()	GPM	PSI	GPM	PSI
Hose ()	GPM	PSI	GPM	PSI
Hose ()	GPM	PSI	GPM	PSI
Hose ()	GPM	PSI	GPM	PSI

Observations: Dark Gray, smooth looking material, mixed and pumped very easy. Low pumping pressure. Estimate max pumping distance of 250 feet.

Results: ChemGrout, Inc. rates the pumpability of this product as a "9" out of 10, with 10 being the easiest. ChemGrout, Inc. recommends the CG050 pump or higher.