

# ChemGrout®

"Equipment for Grouting Since 1969"

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## Material Testing Results

Date: Aug. 9, 2018

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**Manufacturer:** Kaufman Products  
3811 Curtis Ave.  
Baltimore, MA 21226

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**Material:** SureGrout 106 **Lot #**

**Material Application:** Non Shrinking Precision Grout

**Mfg. Plant:** Baltimore, MD **Std. Bag Weight:** 50 #

**Testing Conditions:** Outside Temperature: 82°F Humidity: 56%

**Equipment Used:** Model: CG570 Pump: 2TJ6 Progressing Cavity  
Mixer: Paddle Power: Hydraulic

**Std. Mix Ratios:** 3.1 quart water to 1 50 lb bag grout **Water Temp:** 76 °F

**Batching Method:** Quantity Material: 150 lbs. Quantity Water: 19.4 lbs

**Mixing Time:** 300 Seconds **Batch Temp:** 81 °F

**Specific Gravity:** SG = 2.09 **Flow Cone** n/a Seconds

**Pumping Method:** 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 25')	5.4 GPM	50 PSI	GPM	PSI
Hose ( )	7.7 GPM	100 PSI	GPM	PSI
Hose ( )	10.3 GPM	120 PSI	GPM	PSI
Hose ( )	12.9 GPM	130 PSI	GPM	PSI
Hose ( )	15.5 GPM	145 PSI	GPM	PSI
Hose ( )	17.9 GPM	150 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, gritty looking material, pumps with medium discharge pressures. Mixes easy, 300 sec mix time. Cleaned up easy, very little setting during clean up. Estimate max pumping hose length of 200 ft.

**Results:** ChemGrout, Inc. rates the pumpability of this product as a "8" out of 10, with 10 being the easiest. ChemGrout, Inc. recommends the CG030 pump or higher.