

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: Aug. 9, 2018

E-Mail: info@chemgrout.com

Web Site: www.chemgrout.com

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

Contact: Alex Kaufman
Phone: 800-637-6372
Fax: 410-354-1122

Material: SureGrout **Lot #**

Material Application: Non Shrinking Precision Grout

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

Testing Conditions: Outside Temperature: 87°F Humidity: 54%

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

Std. Mix Ratios: 4 quart water to 1 50 lb bag grout **Water Temp:** 77 °F

Batching Method: Quantity Material: 150 lbs. Quantity Water: 25 lbs

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

Specific Gravity: SG = n/a **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 25')	5.5 GPM	10 PSI	GPM	PSI
Hose ()	8.0 GPM	30 PSI	GPM	PSI
Hose ()	10.5 GPM	40 PSI	GPM	PSI
Hose ()	13.2 GPM	50 PSI	GPM	PSI
Hose ()	16.0 GPM	65 PSI	GPM	PSI
Hose ()	18.8 GPM	70 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 low discharge pressures. Mixes very easy, 300 sec mix time. Cleaned up easy, very little setting during clean up. Estimate max pumping hose length of 250 ft.

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.