

# 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: July 22, 2014

E-Mail: info@chemgrout.com

Web Site: www.chemgrout.com

---

<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>	ChemSpeed 65	<b>Lot #</b>	G424510	
<b>Material Application:</b>	Horizontal & Vertical Repair Mortar, High Early			
<b>Mfg. Plant:</b>	Madison, OH	<b>Std. Bag Weight:</b>	50 #	
<b>Testing Conditions:</b>	Outside Temperature: 88°F	<b>Humidity:</b>	56%	
<b>Equipment Used:</b>	Model: CG570 Mixer: Paddle	<b>Pump:</b>	2TJ6 Progressing Cavity	
		<b>Power:</b>	Hydraulic	
<b>Std. Mix Ratios:</b>	50 lb. bag to 3.5 qts water	<b>Water Temp:</b>	71 °F	
<b>Batching Method:</b>	Quantity Material: 150 lbs.	<b>Quantity Water:</b>	20.4 lbs	
<b>Mixing Time:</b>	180 Seconds	<b>Batch Temp:</b>	83.5 °F	
<b>Specific Gravity:</b>	SG = 2.12	<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' Hose)	3.0 GPM	55 PSI	GPM	PSI
Hose ( )	6.3 GPM	115 PSI	GPM	PSI
Hose ( )	9.0 GPM	160 PSI	GPM	PSI
Hose ( )	11.4 GPM	212 PSI	GPM	PSI
Hose ( )	GPM	PSI	GPM	PSI
Hose ( )	GPM	PSI	GPM	PSI
Hose ( )	GPM	PSI	GPM	PSI
Hose ( )	GPM	PSI	GPM	PSI
Hose ( )	GPM	PSI	GPM	PSI
Hose ( )	GPM	PSI	GPM	PSI
Hose ( )	GPM	PSI	GPM	PSI

**Observations:** Light Gray, thick looking material. Mixed and pumped hard. High pumping pressure, Max working time is 8 min at 75°F. Estimate max hose length of 75 feet.

**Results:** ChemGrout, Inc. rates the pumpability of this product as a "6" out of 10, with 10 being the easiest. ChemGrout, Inc. recommends the CG3C6 pump or higher.