

# 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: August 17, 2017

E-Mail: info@chemgrout.com

Web Site: www.chemgrout.com

**Manufacturer:** Euclid Chemical Co.  
19218 Redwood Road  
Cleveland, OH 44110

**Contact:** Brad Nemunaitis  
**Phone:** 800-321-7628  
**Fax:** 216-531-9596

**Material:** Euco Cable grout PTX **Lot #** 6329235

**Material Application:** High Performance Post Tensioning Cable Grout

**Mfg. Plant:** Cleveland, OH **Std. Bag Weight:** 50 #

**Testing Conditions:** Outside Temperature: 74°F Humidity: 86%

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

**Std. Mix Ratios:** 50 bag with 14 lbs. of water **Water Temp:** 76.5 \*F

**Batching Method:** Quantity Material: 150 lbs. Quantity Water: 42 lbs

**Mixing Time:** 210 Seconds **Batch Temp:** 97 \*F

**Specific Gravity:** SG = 1.87 **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 50')	4.6 GPM	2 PSI	GPM	PSI
Hose ( )	5.8 GPM	4 PSI	GPM	PSI
Hose ( )	7.1 GPM	5 PSI	GPM	PSI
Hose ( )	8.6 GPM	7 PSI	GPM	PSI
Hose ( )	10.5 GPM	9 PSI	GPM	PSI
Hose ( )	11.8 GPM	10 PSI	GPM	PSI
Hose ( )	13.2 GPM	12 PSI	GPM	PSI
Hose ( )	GPM	PSI	GPM	PSI
Hose ( )	GPM	PSI	GPM	PSI
Hose ( )	GPM	PSI	GPM	PSI

**Observations:** Mixed quickly and easy, smooth, creamy looking batch, no aggregate.  
Estimate pumping distance of 250 to 300 feet.

**Results:** ChemGrout, Inc. rates the pumpability of the product as a 9 out of 10, with 10 being the easiest. We recommend the CG600 with 3CL6 pump.