

# ChemGrout®

"Equipment for Grouting Since 1969"

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## Material Testing Results

Date: 7/13/00

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**Manufacturer:** MAPEI  
1851 NW 22nd Street  
Fort Lauderdale, FL 33311

**Contact:** Kelly Page  
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**Material:** Nova/Plan 2

**Lot #** L271906

**Material Application:** Self-leveling, Normal set, Polymer modified, Floor underlayment.

**Mfg. Plant:** N/A

**Std. Bag Weight** 55#

**Environmental Conditions:** Outside Temperature 81.1°F

Humidity 55%

**Equipment Used:** Model CG570  
Mixer Paddle

Pump 2TJ6  
Power Hydraulic

**Mixing Water Temp:** 80.6 °F

**Batching Method:** Quantity Material 165 lbs.

Quantity Water 41 lbs

**Mixing Time:** 30-40 Seconds

**Batch Temp:** 87.7 °F

**Specific Gravity:** Material Weight 272 grams  
Water Weight 140 grams

SG = 1.94

**Flow Cone** 28 Seconds

**Sieve Analysis:** Weight Retained (grams)

No. 4	No. 50
No. 8	No. 100
No. 16	No. 200
No. 30	Pan

**Pumping Method:** Hose Dia. & Lengths used (one) 50' L x 1 1/4" I.D.  
Recirculated through hose, recorded pressures at various flow rates

**Observations:** Polymer bleed noticed on top of pump hopper  
Mixer easy, smooth creamy looking product

**Results:** ChemGrout rates the pumpability of this product as "excellent" with a rating of "A". All ChemGrout models can mix and pump this material.

Mapei Novo Plan 2

