

**Material Testing Results** 

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Manufacturer:	Vesuvius - Buffalo 661 Willet Road Buffalo, NY 14218		Contact: Phone: Fax:	Dennis Heuer 608-288-8221 608-288-8225
Material:	Triad 70R		Lot #	00FEB22DF
Material Application:	No cement, castable, pumpable, Steel & Iron refractory material.			
Mfg. Plant:	Aurora, IL		Std. Bag Weig	ght: 55 #
Testing Conditions:	Outside Temperature: 82.5*F		Humidity:	61%
Equipment Used:	Model: CG570 Mixer: Paddle		Pump:2TJ6 Progressing CavityPower:Hydraulic	
Std. Mix Ratios:	9% water		Water Temp:	77.8 *F
Batching Method:	Quantity Material	: 165 lbs.	Quantity Wate	er: 15 lbs
Mixing Time:	240 Seconds		Batch Temp:	N/A *F
Specific Gravity:	SG = 2.53		Flow Cone	N/A Seconds
Pumping Method:	Recirculated through hose, recorded pressures at various flow rates.			
Flow Rate/Pressure: Hose (12.5' Long x 1 1/4" I.D.) Hose () Hose ()	6.5 GPM 8.6 GPM 12.6 GPM 14.5 GPM 18.8 GPM 22.0 GPM GPM GPM GPM	', plastic type mate	erial once movin	Pressure PSI PSI PSI PSI PSI PSI PSI PSI
Results:	ChemGrout rates the pumpability of this product as a "5" on a scale of 10, with 10 being the easiest. ChemGrout recommends a CG2TJ6 pump or higher.			