INDUSTRIAL PRODUCT TABLES
CEMENT

GUNNING PRODUCTS

DENSE GUNNING

Products	Chemistry %				Density 1500°F		C.C.S. 815°C	C.C.S. 1500°F	Temp. Limit		Installation
	Al2O3	SiO2	ZrO2	SiC	g/cm³	lb/ft³	Mpa	psi	°C	°F	Method
GUNCAST FS	26.5	64.2			1.89	118	36.17	5,250	1204	2200	gun
GUNCAST 12*	33.5	45.1			1.95	122	33.24	4,825	649	1200	gun
GUNCAST 25	43.9	40.8			1.95	122	39.79	5,775	1371	2500	gun
GUNCAST 26 LI	45.9	41.1			2.07	129	55.46	8,050	1427	2600	gun
GUNCAST 28LI	48	41.4			1.99	124	50.64	7,350	1538	2800	gun
GUNCAST 30 LI	57.6	35.1			2.13	133	26.18	3,800	1649	3000	gun
GUNCAST 60	58.8	32.3			2.26	141	71.66	10,400	1649	3000	gun
GUNCAST 60 Z	55.1	33.7			2.26	141	96.46	14,000	1649	3000	gun
GUNCAST 70 HS	67.7	26.2			2.32	145	77.17	11,200	1704	3100	gun
GUNCAST 94	93.6	5.6			2.53	158	71.66	10,400	1871	3400	gun
GUNCAST DENSE ABRADE LT	74.8	9			2.69	168	37.90	5,500	1037	1899	gun
ARMORGUN 50	48.8	44.9			2.18	136	62.70	9,100	1649	3000	gun
ARMORGUN 60	59.8	34.2			2.21	138	64.77	9,400	1760	3200	gun
ARMORGUN 60 X	62.8	31			2.31	144	74.41	10,800	1760	3200	gun
ARMORGUN 70	69.7	23.4			2.39	149	86.13	12,500	1760	3200	gun
ARMORGUN 70 X	69.4	25.7			2.35	147	103.35	15,000	1704	3100	gun
ARMORGUN 80 SiC	13	5		79.3	2.31	144	87.50	12,700	1500	2732	gun
TUFF-GUN ARZ	44.5	43.8	1.1	4.8	2.11	132	141.93	20,600	1649	3000	gun
TUFF-GUN 47	47.9	46.6			2.18	136	103.35	15,000	1538	2800	gun
TUFF-GUN 60 M ARZ	57.3	31.9	1	4.9	2.35	147	126.09	18,300	1649	3000	gun
TUFF-GUN 60 SiC	20.7	12		63.7	2.40	150	119.20	17,300	1704	3100	gun
TUFF-GUN 65 M	63.9	31.2			2.48	155	113.00	16,400	1704	3100	gun
TUFF-GUN 70 ABR	67.5	26.9			2.45	153	115.75	16,800	1704	3100	gun
TUFF-GUN 80 SiC	13	5.5		78.5	2.47	154	117.82	17,100	1500	2732	gun

NO CEMENT GUNNING

Products	Chemistry %				Density 1500°F		C.C.S. 815°C	C.C.S. 1500°F	Temp. Limit		Installation
	Al2O3	SiO2	ZrO2	SiC	g/cm³	lb/ft³	Mpa	psi	°C	°F	Method
NANO-TEK 50 G	49.8	47.3			2.16	135	25.08	3,640	1538	2800	gun
NANO-TEK 60 G	62.1	34.4			2.31	144	35.83	5,200	1649	3000	gun
NANO-TEK 60 XG	59.1	36.5			2.19	137	32.21	4,675	1538	2800	gun
NANO-TEK 60 ZG	57.1	36	3.9		2.31	144	16.47	2,390	1538	2800	gun
NANO-TEK 90 G	91.2	8.4			2.80	175	3.72	540	1649	3000	gun
QUICK-FIRE 60 G	64.2	27.1			2.21	138	20.67	3,000	1649	3000	gun
STACK-LINE B PC					0.00		0.00				gun

INSULATING MIXES GUNNED

Products	Chemistry %				Density 1500°F		C.C.S. 815°C	C.C.S. 1500°F	Temp. Limit		Installation
	Al2O3	SiO2	ZrO2	SiC	g/cm³	lb/ft³	Mpa	psi	°C	°F	Method
INSULMIX 19 L	33.7	25.5			0.40	25	0.59	85	1038	1900	gun
INSULMIX 20	23.9	52.3			0.67	42	3.45	500	1093	2000	gun
INSULMIX 20 HS	38.2	40.9			1.11	69	7.58	1,100	1093	2000	gun
INSULMIX 20 LI	36.7	42.5			0.54	34	1.89	275	1093	2000	gun
INSULMIX 23	42.6	35			1.04	65	3.63	527	1260	2300	gun
INSULMIX 24	31.6	43.9			0.00		0.00		1316	2400	gun
INSULMIX 24 HS	46.5	36.4			1.11	69	7.58	1,100	1316	2400	gun
INSULMIX 24-75	20.7	59.3			0.00		0.00		1316	2400	gun
INSULMIX 3A	40	39.1			1.12	70	5.17	750	1316	2400	gun
INSULMIX 25 HS G	38.9	41.7			1.57	98	19.98	2,900	1371	2500	gun
INSULMIX 26 LI	41.3	43			1.52	95	12.40	1,800	1427	2600	gun
MATRIGUN 24 G											