

# GUNNING PRODUCTS for MINERAL PROCESSING CEMENT, LIME, ORE

## LOW-CEMENT / FAST DRY-OUT

Products	Chemistry (%)				Density 815°C (1500°F)		CCS 815°C (1500°F)		Temperature Limit	
	Al <sub>2</sub> O <sub>3</sub>	SiO <sub>2</sub>	ZrO <sub>2</sub>	SiC	g/cm <sup>3</sup>	lb/ft <sup>3</sup>	Mpa	psi	°C	°F
REZIST ABRAD E ARZ G	49.0	38.1	1.3	5.9	2.19	137	101.0	14,700	1650	3000
REZIST ABRAD E AZS 4X G	50.7	21.7	18.2	5.1	2.79	174	122.0	17,700	1600	2910
REZIST ABRAD E AZS 5R G	49.5	18.8	21.6	5.1	2.79	174	-	-	1600	2910
REZIST ABRAD E BZSC G	62.6	12.8	10.6	8.2	2.64	165	99.2	14,400	1650	3000
REZIST ABRAD E 50 G	48.8	44.7	-	-	2.16	135	109.0	15,900	1650	3000
REZIST ABRAD E 60 Z G	61.0	29.4	3.0	-	2.44	152	117.0	16,900	1650	3000
REZIST ABRAD E 60-25 SiC G	61.1	8.3	-	-	2.47	154	39.0	5,700	1600	2910
REZIST ABRAD E 608 G	58.9	27.0	-	7.9	2.38	149	103.0	14,900	1650	3000
REZIST ABRAD E 65 G	66.5	26.8	-	-	2.31	144	91.0	13,200	1650	3000
REZIST ABRAD E 75 G	73.8	20.0	-	-	2.40	150	-	-	1760	3200
REZIST ABRAD E 80 SiC G	8.6	5.3	-	81.1	2.55	146	-	-	1430	2600
REZIST ABRAD E 805 ARZ G	45.2	35.6	4.8	8.5	2.26	141	73.0	10,600	1650	3000
REZIST ABRAD E 85 G	83.7	9.8	-	-	2.50	156	-	-	1760	3200
FAST-DRY 50 G	49.3	44.1	-	-	2.10	132	95.0	13,800	1650	3000
FAST-DRY 65 G	65.7	27.0	-	-	2.29	143	84.7	12,300	1650	3000
FAST-DRY 85 G	83.6	9.8	-	-	2.50	156	-	-	1760	3200



**NO CEMENT GUNNING**

Products	Chemistry (%)				Density 815°C (1500°F)		CCS 815°C (1500°C)		Temperature Limit	
	Al <sub>2</sub> O <sub>3</sub>	SiO <sub>2</sub>	ZrO <sub>2</sub>	SiC	g/cm <sup>3</sup>	lb/ft <sup>3</sup>	Mpa	psi	°C	°F
NANO-TEK® 50 G	49.8	47.3	-	-	2.16	135	25.08	3,640	1538	2800
NANO-TEK® 60 G	62.1	34.4	-	-	2.31	144	35.83	5,200	1649	3000
NANO-TEK® 60 XG	59.1	36.5	-	-	2.19	137	32.21	4,675	1538	2800
NANO-TEK® 60 ZG	57.1	36	3.9	-	2.31	144	16.47	2,390	1538	2800
NANO-TEK® 90 G	91.2	8.4	-	-	2.80	175	3.72	540	1649	3000
QUICK-FIRE® 60 G	64.2	27.1	-	-	2.21	138	20.67	3,000	1649	3000
STACKLINE B G	0.3	98.0	-	-	2.00	131	-	-	-	-

**INSULATING MIXES GUNNED**

Products	Chemistry (%)		Density 815°C (1500°F)		CCS 815°C (1500°F)		Temperature Limit	
	Al <sub>2</sub> O <sub>3</sub>	SiO <sub>2</sub>	g/cm <sup>3</sup>	lb/ft <sup>3</sup>	Mpa	psi	°C	°F
INSULMIX® 2025	15.4	38.3	.37-59	23-37	-	-	1100	2000
INSULMIX® 2570	41.3	42.1	1.09-1.15	68-72	2.8-6.9	400-1000	1400	2500
INSULMIX® 2035 LI	37.9	42.3	0.6	36	1.0-1.7	150-250	1100	2000
INSULMIX® 2350	38.2	39.9	1.04	65	3.1-4.1	450-600	1260	2300
INSULMIX® 2460 LI	44.8	34.9	1.0	62	4.8	700	1315	2400
INSULMIX® 2790	49.0	39.1	1.38-1.44	86-89	6.9-13.8	1000-2000	1480	2700
INSULMIX® 2690 LI	42.5	46.3	1.52	95	10.3-13.1	1500-1900	1425	2600

