

## GUNNING PRODUCTS for FOUNDRY

### ALUMINA - NO CEMENT DENSE

Product	Al <sub>2</sub> O <sub>3</sub> %	SiO <sub>2</sub> %	Density (g/cm <sup>3</sup> / lb/ft <sup>3</sup> )	Temperature Limit
NANO-TEK 90 G	91.2	8.4	2.7 / 167	1705°C (3100°F)
NANO-TEK 60 G	62.1	34.4	2.31 / 144	1705°C (3100°F)
NANO-TEK 50 G	49.8	47.3	2.16 / 135	1540°C (2800°F)
QUICK-FIRE® 87G	86.8	3.6	2.40 / 150	1705°C (3100°F)
DURABOND 60 G				

### ALUMINA - LOW CEMENT DENSE < 2.5% CaO

Product	Al <sub>2</sub> O <sub>3</sub> %	SiO <sub>2</sub> %	Density (g/cm <sup>3</sup> / lb/ft <sup>3</sup> )	Temperature Limit
MATRIGUN 70 AC-HOT	61.5	32.7	2.19 / 137	1705°C (3100°F)
DURAGUN 90	90.2	7.2	2.24 / 140	1760°C (3200°F)
DURAGUN 90CR	86.3	5.0	2.69 / 168	1760°C (3200°F)
ARMORGUN 60	59.8	34.2	2.21 / 138	1760°C (3200°F)
ARMORGUN 70	69.7	23.4	2.39 / 149	1760°C (3200°F)
ARMORGUN 80 SiC	13	5.0	2.31 / 144	1500°C (2730°F)

### ALUMINA - CONVENTIONAL DENSE > 2.5% CaO

Product	Al <sub>2</sub> O <sub>3</sub> %	SiO <sub>2</sub> %	Density (g/cm <sup>3</sup> / lb/ft <sup>3</sup> )	Temperature Limit
REZIST ABRADE	47.4	37.6	2.03 / 127	1540°C (2800°F)
DURAGUN 50	50.3	41.2	2.00 / 125	1650°C (3000°F)
DURAGUN 56	52.0	38.2	2.34 / 146	1650°C (3000°F)
DURAGUN 70	67.0	25.1	2.08 / 130	1705°C (3100°F)
GUNCAST 12	33.5	45.1	1.95 / 122	1100°C (2000°F)
GUNCAST 25	43.9	40.8	1.96 / 122	1375°C (2500°F)
GUNCAST 26LI	45.9	41.1	2.07 / 129	1425°C (2600°F)
GUNCAST 28 LI	48.0	41.4	1.99 / 124	1540°C (2800°F)
GUNCAST 60	58.8	32.3	2.26 / 141	1650°C (3000°F)
GUNCAST 65	65.1	25.6	2.24 / 140	1650°C (3000°F)
GUNCAST 70	67.8	23.2	2.28 / 142	1650°C (3000°F)
GUNCAST 70 HS	67.7	26.2	2.32 / 145	1705°C (3100°F)
GUNCAST DEFENSE ABRADE LT	74.8	9.0	2.69 / 168	1000°C (1800°F)



## ALUMINA - CONVENTIONAL LIGHTWEIGHTS

Product	Al <sub>2</sub> O <sub>3</sub> %	SiO <sub>2</sub> %	Density (g/cm <sup>3</sup> / lb/ft <sup>3</sup> )	Temperature Limit
MATRILITE 24C GUN	43.2	40	1.23 / 77	1345°C (2450°F)
INSULMIX 20	25.5	48.7	0.5 / 30	1100°C (2000°F)
INSULMIX 24 LI	44.8	34.9	1.0 / 62	1315°C (2400°F)
INSULMIX 25HS	29.3	51.9	1.47 / 92	1371°C (2500°F)
INSULMIX 26 LI	41.3	43	1.52 / 92	1425°C (2600°F)

## SiC/GRAPHITE

Product	Al <sub>2</sub> O <sub>3</sub> %	SiO <sub>2</sub> %	Density (g/cm <sup>3</sup> / lb/ft <sup>3</sup> )	Temperature Limit
CW 511 GUN	60.8	14.7	2.47 / 154	1705°C (3100°F)
CW 516 GUN	36.6	8.1	2.32 / 145	1705°C (3100°F)
CW 519 GUN	44.8	8.1	2.65 / 165	1705°C (3100°F)
KWIK SEAL	68.8	4.7	2.80 / 175	1705°C (3100°F)
ARMORGUN 80 SiC	13	5	2.31 / 144	1500°C (2730°F)
STACKGUN G	6	19	1.63 / 101	1650°C (3000°F)

