

HAB 70: High (70%) Alumina Brick. Fired Density: 2600 kg/m³.

Weight %	SiO ₂	Al ₂ O ₃	TiO ₂	Fe ₂ O ₃	CaO	MgO	Alkali	Cr ₂ O ₃	P ₂ O ₅	ZrO ₂	SiC	LOI	Porosity %
	25.0	70.0	2.8	1.0	0.1	0.1	0.2	-	-	-	-	-	13-18

Suppliers and product names: AP Green, Kruzite R. CE Refractories, Hi-Lumite 70-D. General, ARCO 70. Harbison Walker, Alusite D. J H France, Francite. Kaiser, Alumex 70 E. North American, Narcal 70 D.

HAB 80: High (80%) Alumina Brick. Fired Density: 2865 kg/m³.

Weight %	SiO ₂	Al ₂ O ₃	TiO ₂	Fe ₂ O ₃	CaO	MgO	Alkali	Cr ₂ O ₃	P ₂ O ₅	ZrO ₂	SiC	LOI	Porosity %
	8.3	82.3	2.6	1.3	-	-	-	-	5.5	-	-	-	14-18

Suppliers and product names: Harbison Walker, Coral BP. C-E Refractories, Chemal 85B. General, Altex 85 B, North American, Narcal 85B. J H France, Spartan 85 Burned.

HAB 90: High (90%) Alumina Brick. Fired Density: 2930 kg/m³.

Weight %	SiO ₂	Al ₂ O ₃	TiO ₂	Fe ₂ O ₃	CaO	MgO	Alkali	Cr ₂ O ₃	P ₂ O ₅	ZrO ₂	SiC	LOI	Porosity %
	11.0	88.5	0.1	0.1	0.07	0.03	0.2	-	-	-	-	-	14-18

Suppliers and product names: AP Green, Geenal 90. Thermal Ceramics, Special Brick SR-90. General, ARCO 90. Harbison Walker, Korudal XD. J H France, Spartan 90. Kaiser, Kricor.

HACB 90: High (90%) Alumina Chrome Brick. Fired Density: 3180 kg/m³.

Weight %	SiO ₂	Al ₂ O ₃	TiO ₂	Fe ₂ O ₃	CaO	MgO	Alkali	Cr ₂ O ₃	P ₂ O ₅	ZrO ₂	SiC	LOI	Porosity %
	0.1	89.5	-	0.1	0.3	0.5	-	9.5	-	-	-	-	15-18

Suppliers and product names: AP Green, Geenal 90. Thermal Ceramics, Special Brick SR-90. General, ARCO 90. Harbison Walker, Korudal XD. J H France, Spartan 90. Kaiser, Kricor.

HAB 99+: High (99%+) Alumina Brick. Fired Density: 3000 kg/m³.

Weight %	SiO ₂	Al ₂ O ₃	TiO ₂	Fe ₂ O ₃	CaO	MgO	Alkali	Cr ₂ O ₃	P ₂ O ₅	ZrO ₂	SiC	LOI	Porosity %
	0.4	99.2	0.01	0.1	0.06	0.03	0.2	-	-	-	-	-	18-22

Suppliers and product names: Thermal Ceramics, Special Brick SR-99. Harbison Walker, Corndum.

3. Basic Brick

BB 1: Basic Brick. Fired Density: 3160 kg/m³.

Weight %	SiO ₂	Al ₂ O ₃	TiO ₂	Fe ₂ O ₃	CaO	MgO	Alkali	Cr ₂ O ₃	P ₂ O ₅	ZrO ₂	SiC	LOI	Porosity %
	0.9	3.6	-	6.4	1.9	77.4	-	9.8	-	-	-	-	12-15

BB 2: Basic Brick. Fired Density: 3180 kg/m³.

Weight %	SiO ₂	Al ₂ O ₃	TiO ₂	Fe ₂ O ₃	CaO	MgO	Alkali	Cr ₂ O ₃	P ₂ O ₅	ZrO ₂	SiC	LOI	Porosity %
	0.9	3.5	-	6.2	1.9	75.5	-	9.6	-	-	-	2.4	-

BB 3: Basic Brick. Fired Density: 3130 kg/m³.

Weight %	SiO ₂	Al ₂ O ₃	TiO ₂	Fe ₂ O ₃	CaO	MgO	Alkali	Cr ₂ O ₃	P ₂ O ₅	ZrO ₂	SiC	LOI	Porosity %
	1.0	0.3	-	0.3	2.3	95-98	-	-	-	-	-	5.7	-

BB 4: Basic Brick Fired Density: 3250 kg/m³.

Weight %	SiO ₂	Al ₂ O ₃	TiO ₂	Fe ₂ O ₃	CaO	MgO	Alkali	Cr ₂ O ₃	P ₂ O ₅	ZrO ₂	SiC	LOI	Porosity %
	1.0	5.4	-	12.0	0.8	62.7	-	18.1	-	-	-	-	13-16

BB 5: Basic Brick. Fired Density: 2835 kg/m³.

Weight %	SiO ₂	Al ₂ O ₃	TiO ₂	Fe ₂ O ₃	CaO	MgO	Alkali	Cr ₂ O ₃	P ₂ O ₅	ZrO ₂	SiC	LOI	Porosity %
	9.0	3.9	-	7.6	18.3	53.3	-	7.9	-	-	-	-	18-22

BB 6: Basic Brick. Fired Density: 2840 kg/m³.

Weight %	SiO ₂	Al ₂ O ₃	TiO ₂	Fe ₂ O ₃	CaO	MgO	Alkali	Cr ₂ O ₃	P ₂ O ₅	ZrO ₂	SiC	LOI	Porosity %
	0.7	8.3	-	0.3	0.9	89.8	-	-	-	-	-	-	17-21

BB 7: Basic Brick. Fired Density: 3100 kg/m³.

Weight %	SiO ₂	Al ₂ O ₃	TiO ₂	Fe ₂ O ₃	CaO	MgO	Alkali	Cr ₂ O ₃	P ₂ O ₅	ZrO ₂	SiC	LOI	Porosity %
	2.0	17.9	-	9.4	0.6	49.4	-	20.7	-	-	-	-	16-19

4. Special Purpose Brick

SPB 1: Special Purpose Brick. Fired Density: 2610 kg/m³.

Weight %	SiO ₂	Al ₂ O ₃	TiO ₂	Fe ₂ O ₃	CaO	MgO	Alkali	Cr ₂ O ₃	P ₂ O ₅	ZrO ₂	SiC	LOI	Porosity %
	7.3	2.1	0.2	1.1	-	-	0.08	20.7	-	-	89.2	-	11-15

Suppliers and product names: AP Green, Greenal 90. General, ARCO 90. Harbison-Walker, Korudal XD. Industrial Ceramics, 85% Alumina. J H France, Spartan 90. Kaiser, Kricor.

SPB 2: Special Purpose Brick. Fired Density: 2300 kg/m³.

Weight %	SiO ₂	Al ₂ O ₃	TiO ₂	Fe ₂ O ₃	CaO	MgO	Alkali	Cr ₂ O ₃	P ₂ O ₅	ZrO ₂	SiC	LOI	Porosity %
	58.7	32.0	2.1	2.7	0.2	0.7	3.6	-	-	-	-	-	4-7

5. Insulating Firebrick

IFB 20: Insulating Firebrick. Fired Density: 465 kg/m ³ .													
Weight %	SiO ₂	Al ₂ O ₃	TiO ₂	Fe ₂ O ₃	CaO	MgO	Alkali	Cr ₂ O ₃	P ₂ O ₅	ZrO ₂	SiC	LOI	Porosity %
	43.9	38.0	1.5	0.3	15.9	0.2	0.2	-	-	-	-	-	-
Suppliers and product names: Thermal Ceramics, K-20. General, GR-20. Kaiser, M-20, North American, NA-20.													

IFB 23: Insulating Firebrick. Max Continuous Service Temp.: 1093 °C. Fired Density: 495 kg/m ³ .													
Weight %	SiO ₂	Al ₂ O ₃	TiO ₂	Fe ₂ O ₃	CaO	MgO	Alkali	Cr ₂ O ₃	P ₂ O ₅	ZrO ₂	SiC	LOI	Porosity %
	44.3	38.4	1.4	0.4	15.1	0.2	0.2	-	-	-	-	-	-
Suppliers and product names: Thermal Ceramics, K-23. CE Refractories, CER 2300 IFB. General, GR-23. Kaiser, M-23. North American, NA 23.													

IFB 26: Insulating Firebrick. Max Continuous Service Temp.: 1260 °C. Fired Density: 720 kg/m ³ .													
Weight %	SiO ₂	Al ₂ O ₃	TiO ₂	Fe ₂ O ₃	CaO	MgO	Alkali	Cr ₂ O ₃	P ₂ O ₅	ZrO ₂	SiC	LOI	Porosity %
	55.6	38.5	1.6	2.4	0.3	0.5	1.1	-	-	-	-	-	-
Suppliers and product names: Thermal Ceramics, K-26. General, GR-26. Kaiser, M-26. North American, NA-26.													

IFB 28: Insulating Firebrick. Fired Density: 770 kg/m ³ .													
Weight %	SiO ₂	Al ₂ O ₃	TiO ₂	Fe ₂ O ₃	CaO	MgO	Alkali	Cr ₂ O ₃	P ₂ O ₅	ZrO ₂	SiC	LOI	Porosity %
	51.5	45.5	1.7	0.6	0.2	0.2	0.3	-	-	-	-	-	-
Suppliers and product names: Thermal Ceramics, K-28. Harbison Walker, HW-28 LI.													

IFB 30: Insulating Firebrick. Max Continuous Service Temp.: 1480 °C. Fired Density: 900 kg/m ³ .													
Weight %	SiO ₂	Al ₂ O ₃	TiO ₂	Fe ₂ O ₃	CaO	MgO	Alkali	Cr ₂ O ₃	P ₂ O ₅	ZrO ₂	SiC	LOI	Porosity %
	33.4	64.8	0.7	0.4	0.3	-	0.4	-	-	-	-	-	-
Suppliers and product names: Thermal Ceramics, K-3000. Harbison Walker, H-W 30 LI.													

IFB 33: Insulating Firebrick. Fired Density: 1280 kg/m³.

Weight %	SiO ₂	Al ₂ O ₃	TiO ₂	Fe ₂ O ₃	CaO	MgO	Alkali	Cr ₂ O ₃	P ₂ O ₅	ZrO ₂	SiC	LOI	Porosity %
	21.5	76.6	0.6	0.4	0.1	0.1	0.3	-	-	-	-	-	-

Suppliers and product names: AP Green, Greenlite 33. Thermal Ceramics, Insalcor. CE Refractories, CER 3300 IFB. North American, NA 33.

6. Insulating Castable

IC 16: Insulating Castable. Max Continuous Service Temp.: 700 °C.

Weight %	SiO ₂	Al ₂ O ₃	TiO ₂	Fe ₂ O ₃	CaO	MgO	Alkali	Cr ₂ O ₃	P ₂ O ₅	ZrO ₂	SiC	LOI	Porosity %
	36.0	9.0	0.8	5.5	35	10.0	3.0	-	-	-	-	-	-

IC 20: Insulating Castable. Max Continuous Service Temp.: 930 °C.

Weight %	SiO ₂	Al ₂ O ₃	TiO ₂	Fe ₂ O ₃	CaO	MgO	Alkali	Cr ₂ O ₃	P ₂ O ₅	ZrO ₂	SiC	LOI	Porosity %
	36.0	40.0	0.1	0.7	22	0.7	4.0	-	-	-	-	-	-

Suppliers and product names: AP Green, SK-7. CE Refractories, Lite Wate 50. General, Litecast 50. Johns-Manville, Firelite 2001. North American, Narcolite. Quigley, Plastic Insulcrete 50. Plibrico, Verilite. Kaiser, IRC-20.

IC 22: Insulating Castable. Max Continuous Service Temp.: 1040 °C.

Weight %	SiO ₂	Al ₂ O ₃	TiO ₂	Fe ₂ O ₃	CaO	MgO	Alkali	Cr ₂ O ₃	P ₂ O ₅	ZrO ₂	SiC	LOI	Porosity %
	32.0	39.0	1.5	5.5	20.0	0.7	13.0	-	-	-	-	-	-

Suppliers and product names: AP Green, Castable # 22. Thermal Ceramics, Kaolite 2200. CE Refractories, Lite Wate 58. Clayburn, Thermolite 22G. General, Litecast 50. Harbison Walker. Lightweight 22. J H France, LW Hydrocon 2200 LI. Johns Manville, Firelite 2300 LI. Kaiser, IRC 22. North American, Lightcrete 50 or Narcolite 22. Plibrico, Plicast LWI 22. Quigley, Insulcrete 21. Resco, RS-3.

IC 26: Insulating Castable. Max Continuous Service Temp.: 1260 °C.

Weight %	SiO ₂	Al ₂ O ₃	TiO ₂	Fe ₂ O ₃	CaO	MgO	Alkali	Cr ₂ O ₃	P ₂ O ₅	ZrO ₂	SiC	LOI	Porosity %
	37.0	49.0	1.4	1.0	12.0	0.2	1.2	-	-	-	-	-	-

Suppliers and product names: AP Green, VSL-50. Thermal Ceramics, Kaolite 2300 LI. CE Refractories, Lins 50. General, Litecast 50 LI. Harbison Walker, Lightweight LI Castable. Johns-Manville, Firelite 2300 LI. Kaiser, Purolite. Quigley, Haylite 24. Resco, RS-3B.

IC 28: Insulating Castable. Max Continuous Service Temp.: 1370 °C.

Weight %	SiO ₂	Al ₂ O ₃	TiO ₂	Fe ₂ O ₃	CaO	MgO	Alkali	Cr ₂ O ₃	P ₂ O ₅	ZrO ₂	SiC	LOI	Porosity %
	37.0	55.0	1.0	0.6	5.0	0.3	0.9	-	-	-	-	-	-

Suppliers and product names: AP Green, Kast-O-Lite 30. CE Refractories, Cer-Lite 75. General, Litecast 75-28. Harbison Walker, LW Castable 28. Thermal Ceramics, Kaolite 2800. Plibrico, Plicast LWI 26. J H France, Hydrocon 56-2750.

IC 30: Insulating Castable. Max Continuous Service Temp.: 1482 °C.

Weight %	SiO ₂	Al ₂ O ₃	TiO ₂	Fe ₂ O ₃	CaO	MgO	Alkali	Cr ₂ O ₃	P ₂ O ₅	ZrO ₂	SiC	LOI	Porosity %
	34.0	59.0	1.1	0.9	3.6	0.1	0.8	-	-	-	-	-	-

IC 33: Insulating Castable. Max Continuous Service Temp.: 1650 °C.

Weight %	SiO ₂	Al ₂ O ₃	TiO ₂	Fe ₂ O ₃	CaO	MgO	Alkali	Cr ₂ O ₃	P ₂ O ₅	ZrO ₂	SiC	LOI	Porosity %
	0.4	93.0	0.01	0.1	6.0	0.1	0.4	-	-	-	-	-	-

Suppliers and product names: AP Green, Greencast 97L or Kastolite 30. Thermal Ceramics, Kaolite 3300. BMI, Hydralite I 33-95. CE Refractories, Bubble Alumina. General, Bubblalite. Harbison Walker, Lightweight 33. Kaiser, Purolite 30. Plibrico, Plicast LWI Bubblecast.

7. Refractory Castable

RC 1: Refractory Castable. Max Continuous Service Temp.: 1600 °C.													
Weight %	SiO ₂	Al ₂ O ₃	TiO ₂	Fe ₂ O ₃	CaO	MgO	Alkali	Cr ₂ O ₃	P ₂ O ₅	ZrO ₂	SiC	LOI	Porosity %
	20.9	73.2	2.7	0.9	2.1	0.1	0.1	-	-	-	-	-	-

Suppliers and product names: AP Green, Mizzou GR. Thermal Ceramics, Kaocast. BMI, Hydra Plus 60A. CE Refractories, Super Castable 32. Clayburn, Claycast 60 G. General, Brikcast 3100 G. Harbison Walker, Alusa Gun Mix. Johns-Manville, Firecrete 2800. Kaiser, Purocast GM. North American, Shastakast or Narcocast 30. Plibrico, Plicast 36. Resco, RS-17.

RC 2: Refractory Castable. Max Continuous Service Temp.: 1490 °C.													
Weight %	SiO ₂	Al ₂ O ₃	TiO ₂	Fe ₂ O ₃	CaO	MgO	Alkali	Cr ₂ O ₃	P ₂ O ₅	ZrO ₂	SiC	LOI	Porosity %
	29.2	64.0	2.2	0.8	3.4	0.1	0.3						

Suppliers and product names: AP Green, Mizzou Castable. BMI, Hydra Plus c60A. CE Refractories, Super Castable 32. Clayburn, Claycast 60 G. General, Brikcast 3100. Harbison Walker, HW High Alumina Castable. J H France, Hydrocon 3000. Johns-Manville, Firecrete 3000. Martin Marietta, Marcast 3000. North American, Shastacast or Narcocast 3000. Plibrico, Plicast 3000. Quigley, Q-Cast 30-50. Resco, RS-17.

RC 3: Refractory Castable. Max Continuous Service Temp.: 1650 °C.													
Weight %	SiO ₂	Al ₂ O ₃	TiO ₂	Fe ₂ O ₃	CaO	MgO	Alkali	Cr ₂ O ₃	P ₂ O ₅	ZrO ₂	SiC	LOI	Porosity %
	0.1	93.7	0.1	0.3	5.6	0.1	0.1	-	-	-	-	-	-

Suppliers and product names: AP Green, Greencast 94 GR. Thermal Ceramics, Kaotab 95. BMI, Hydra CHT. CE Refractories, Fractocrete 3400. Clayburn, Claycast 94 G. General, Special High Alumina Castable. Harbison Walker, Castolast G. Kaiser, Purotab. Martin Marietta, Marcast 3300. North American, Duracast 94 or Narcotab. Plibrico, Plicast 40. Resco, RS-17A.

RC 4: Refractory Castable. Max Continuous Service Temp.: 1650 °C.

Weight %	SiO ₂	Al ₂ O ₃	TiO ₂	Fe ₂ O ₃	CaO	MgO	Alkali	Cr ₂ O ₃	P ₂ O ₅	ZrO ₂	SiC	LOI	Porosity %
	0.1	94.9		0.2	4.5	0.1	0.2	-	-	-	-	-	-

Suppliers and product names: AP Green, Greencadt 94 or Greencast 97. Thermal Ceramics, Kaotab 95. BMI, Hydratab 3400. CE Refractories, Fractocrete 3400. Clayburn, Claycast 94 G. General, Special High Alumina Castable G. Harbison Walker, Castolast G. J H France, Hydrocon Tab Cast. Kaiser, Purotab GM. North American, Narcotab. Martin Marietta, Narcast 3300. Plibrico, Plicast 40. Resco, RS-17A.

RC 5: Refractory Castable. Max Continuous Service Temp.: 1260 °C.

Weight %	SiO ₂	Al ₂ O ₃	TiO ₂	Fe ₂ O ₃	CaO	MgO	Alkali	Cr ₂ O ₃	P ₂ O ₅	ZrO ₂	SiC	LOI	Porosity %
	6.9	30.0	-	13.6	5.8	15.9	-	27.8	-	-	-	-	-

Suppliers and product names: AP Green, Clipper DP. General, Olive Hill Brand. Harbison-Walker, Woodland. J H France, Medal P-4. Kaiser, Jay Bee S. North American, Carnegie.

RC 6: Refractory Castable. Max Continuous Service Temp.: 1150 °C.

Weight %	SiO ₂	Al ₂ O ₃	TiO ₂	Fe ₂ O ₃	CaO	MgO	Alkali	Cr ₂ O ₃	P ₂ O ₅	ZrO ₂	SiC	LOI	Porosity %
	38.9	40.4	1.3	4.5	1.4	0.7	0.8	-	-	-	-	-	-

Suppliers and product names: AP Green, VSL-50. Thermal Ceramics, Kaolite 2300 LI. CE Refractories, Lins 50. General, Litecast 50-LI G. Harbison-Walker, HW Lightweight LI Castable. Kaiser, Purolite. North American, Litecrete 50 or Narcolite 22. Resco, RS-4.

RC 7: Refractory Castable. Max Continuous Service Temp.: 1150 °C.

Weight %	SiO ₂	Al ₂ O ₃	TiO ₂	Fe ₂ O ₃	CaO	MgO	Alkali	Cr ₂ O ₃	P ₂ O ₅	ZrO ₂	SiC	LOI	Porosity %
	35.5	43.6	2.6	4.1	12.9	0.6	0.7	-	-	-	-	-	-

Suppliers and product names: AP Green, KS-4. CE Refractories, Moldit D. General, Hi Strength Brik-Cast. Harbison Walker, ES Castable C. J H France, Hydrocon 186 Extra Strength. Kaiser, Hi-Strength. Plibrico, Plicast Tuff Mix. Thermal Ceramics, Kaocrete D.

RC 8: Refractory Castable. Max Continuous Service Temp.: 1260 °C.

Weight %	SiO ₂	Al ₂ O ₃	TiO ₂	Fe ₂ O ₃	CaO	MgO	Alkali	Cr ₂ O ₃	P ₂ O ₅	ZrO ₂	SiC	LOI	Porosity %
	38.5	45.6	1.5	1.5	11.4	0.5	1.0	-	-	-	-	-	-

Suppliers and product names: AP Green, KS-4. Thermal Ceramics, Kaocrete HS. BMI, Hydra EH6. CE Refractories, Moldit DLI. Harbison Walker, HW ES Castable LI or Tufshot Gun Mix. J H France, Hydrocon 186 ES. Kaiser, HI Strength. Martin Marietta, Margun 2700. North American, Refracrete ES. Quigley, Q-Crete 25 HS.

RC 9: Refractory Castable. Max Continuous Service Temp.: 1375 °C.

Weight %	SiO ₂	Al ₂ O ₃	TiO ₂	Fe ₂ O ₃	CaO	MgO	Alkali	Cr ₂ O ₃	P ₂ O ₅	ZrO ₂	SiC	LOI	Porosity %
	49.4	42.5	1.5	0.8	4.9	0.2	0.7	-	-	-	-	-	-

Suppliers and product names: AP Green, Steelkon. CE Refractories, Super Moldit. General, Super Brik-Cast. Harbison Walker, Harcast. Kaiser, Mill Crete. J H France, Hydrocon 5. Plibrico, Plicast 31. Thermal Ceramics, Kaocrete 28 LI.

RC 10: Refractory Castable. Max Continuous Service Temp.: 1375 °C.

Weight %	SiO ₂	Al ₂ O ₃	TiO ₂	Fe ₂ O ₃	CaO	MgO	Alkali	Cr ₂ O ₃	P ₂ O ₅	ZrO ₂	SiC	LOI	Porosity %
	35.8	52.8	1.6	0.7	8.1	0.3	0.7	-	-	-	-	-	-

Suppliers and product names: AP Green, Lo Abrade. Thermal Ceramics, Kaotuff. CE Refractories, AR 400 or 153-C. Kaiser, Lo-Erode. Resco, RS-17E.

RC 11: Refractory Castable. Max Continuous Service Temp.: 1210 °C.

Weight %	SiO ₂	Al ₂ O ₃	TiO ₂	Fe ₂ O ₃	CaO	MgO	Alkali	Cr ₂ O ₃	P ₂ O ₅	ZrO ₂	SiC	LOI	Porosity %
	6.9	32.1	-	13.7	14.0	11.7	21.5	-	-	-	-	-	-

Suppliers and product names: CE Refractories, AR-400. General, RC-1. Harbison Walker, Harchrome. Plibrico, Plicast Erozist.

RC 12: Refractory Castable. Max Continuous Service Temp.: 1490 °C.

Weight %	SiO ₂	Al ₂ O ₃	TiO ₂	Fe ₂ O ₃	CaO	MgO	Alkali	Cr ₂ O ₃	P ₂ O ₅	ZrO ₂	SiC	LOI	Porosity %
	30.0	62.0	2.7	1.1	3.7	0.2	0.3	-	-	-	-	-	-

Suppliers and product names: AP Green, Mizzou Castable. Thermal Ceramics, Kaocrete 28 LI. BMI, Hydra Plus C60A. CE Refractories, Super Castable 32. Clayburn, Claycast 70. General, Super Brikcast A. Harbison Walker, HW High Alumina Castable. J H France, Hydrecon 3000. Johns-Manville, Firecrete 3000. Kaiser, Purocast. Martin Marietta, Marcast 3000. North American, Shastacast or Narcocast 30. Plibrico, Plicast 3000. Quigley, Q-Cast 30-50. Resco, RS-17.

RC 13: Refractory Castable. Max Continuous Service Temp.: 1150 °C.

Weight %	SiO ₂	Al ₂ O ₃	TiO ₂	Fe ₂ O ₃	CaO	MgO	Alkali	Cr ₂ O ₃	P ₂ O ₅	ZrO ₂	SiC	LOI	Porosity %
	36.2	42.5	2.5	4.2	12.9	0.7	1.0	-	-	-	-	-	-

Suppliers and product names: AP Green, MC-22. CE Refractories, RP 157. General, Brik-Cast XCM. Harbison Walker, Kiln Cast 23. J H France, Hydrecon C6-54. Kaiser, Hi Strength Coarse 23.

RC 14: Refractory Castable. Max Continuous Service Temp.: 1265 °C.

Weight %	SiO ₂	Al ₂ O ₃	TiO ₂	Fe ₂ O ₃	CaO	MgO	Alkali	Cr ₂ O ₃	P ₂ O ₅	ZrO ₂	SiC	LOI	Porosity %
	40.1	45.9	2.4	1.5	8.6	0.5	1.0	-	-	-	-	-	-

Suppliers and product names: AP Green, Greenflo 31. Plibrico, Hymor 3100 Special.

RC 15: Refractory Castable. Max Continuous Service Temp.: 1150 °C.

Weight %	SiO ₂	Al ₂ O ₃	TiO ₂	Fe ₂ O ₃	CaO	MgO	Alkali	Cr ₂ O ₃	P ₂ O ₅	ZrO ₂	SiC	LOI	Porosity %
	71.1	16.6	0.5	0.6	10.9	0.2	0.1	-	-	-	-	-	-

RC 16: Refractory Castable. Max Continuous Service Temp.: 1490 °C.

Weight %	SiO ₂	Al ₂ O ₃	TiO ₂	Fe ₂ O ₃	CaO	MgO	Alkali	Cr ₂ O ₃	P ₂ O ₅	ZrO ₂	SiC	LOI	Porosity %
	29.5	64.5	2.4	1.0	2.1	0.2	0.3	-	-	-	-	-	-

Suppliers and product names: AP Green, Mizzou Castable. BMI, Hydra Plus C60A. CE Refractories, Super Castable 32. Clayburn, Claycast 60. General, Brikcast 3100. Harbison Walker, HW High Alumina Castable. Johns-Manville, Firecrete 3000. Martin Marietta, Marcast 3000. North American, Shastacast or Narcocast 30. Plibrico, Plicast 3000. Quigley, Q-cast 30-50. Resco, RS-17.

8. Gun Mix Castable

GMC 1: Gun Mix Castable. Max Continuous Service Temp.: 1040 °C.

Weight %	SiO ₂	Al ₂ O ₃	TiO ₂	Fe ₂ O ₃	CaO	MgO	Alkali	Cr ₂ O ₃	P ₂ O ₅	ZrO ₂	SiC	LOI	Porosity %
	45.8	35.7	1.8	1.6	13.7	0.7	0.7	-	-	-	-	-	-

Suppliers and product names: AP Green, VSL-50. CE Refractories, Lins 50. General, Litecast 50-25 G. Kaiser, IRC 24 LI. North American, Litecrete 50 or Narcolite 22. Resco, RS-4.

GMC 2: Gun Mix Castable. Max Continuous Service Temp.: 1150 °C.

Weight %	SiO ₂	Al ₂ O ₃	TiO ₂	Fe ₂ O ₃	CaO	MgO	Alkali	Cr ₂ O ₃	P ₂ O ₅	ZrO ₂	SiC	LOI	Porosity %
	39.4	43.6	2.6	4.7	8.6	0.4	0.7	-	-	-	-	-	-

GMC 3: Gun Mix Castable. Max Continuous Service Temp.: 1265 °C.

Weight %	SiO ₂	Al ₂ O ₃	TiO ₂	Fe ₂ O ₃	CaO	MgO	Alkali	Cr ₂ O ₃	P ₂ O ₅	ZrO ₂	SiC	LOI	Porosity %
	39.3	46.1	2.4	1.3	9.7	0.6	0.7	-	-	-	-	-	-

Suppliers and product names: AP Green, KS-4V. BMI, Hydra H-8 Special. CE Refractories, Moldit HT. General, Ferrocast-S. Harbison-Walker, Tufshot LI Gun Mix or HW ES Castable. J H France, Hydrecon CG-54 LI. Kaiser, HI Strength LI. Martin Marietta, Margun 2800 LI. North American, Refracrete ES LI or Narcocast ES 26. Thermal Ceramics, Kaocrete HS.

GMC 4: Gun Mix Castable. Max Continuous Service Temp.: 1370 °C.

Weight %	SiO ₂	Al ₂ O ₃	TiO ₂	Fe ₂ O ₃	CaO	MgO	Alkali	Cr ₂ O ₃	P ₂ O ₅	ZrO ₂	SiC	LOI	Porosity %
	44.1	47.2	2.1	1.0	4.7	0.3	0.6	-	-	-	-	-	-

Suppliers and product names: AP Green, Mizzou GR. Thermal Ceramics, Kaocrete 32-G. BMI, Kemko 12. CE Refractories, Supercastable 32. Clayburn, Claycast 60 G. General, Brickcast 3100 G. Harbison Walker, Alusa Gun Mix. J H France, Hydrecon 70. Johns Manville, Firecrete 3000. Kaiser, Purocast GM. North American, Shastakast. Plibrico, Plicast 36. Resco, RS-17.

GMC 5: Gun Mix Castable. Max Continuous Service Temp.: 1370 °C.

Weight %	SiO ₂	Al ₂ O ₃	TiO ₂	Fe ₂ O ₃	CaO	MgO	Alkali	Cr ₂ O ₃	P ₂ O ₅	ZrO ₂	SiC	LOI	Porosity %
	41.4	51.1	1.8	0.6	4.1	0.3	0.7	-	-	-	-	-	-

Suppliers and product names: AP Green, Steel Plant Castable. CE Refractories, Hot Top Moldit. Harbison Walker, Hargun ES Gun Mix. Plibrico, Plicast Steel Mix. Thermal Ceramics, Kaocrete 28 LI.

GMC 6: Gun Mix Castable. Max Continuous Service Temp.: 1482 °C.

Weight %	SiO ₂	Al ₂ O ₃	TiO ₂	Fe ₂ O ₃	CaO	MgO	Alkali	Cr ₂ O ₃	P ₂ O ₅	ZrO ₂	SiC	LOI	Porosity %
	32.1	61	2.2	0.9	3.2	0.2	0.4	-	-	-	-	-	-

Suppliers and product names: AP Green, Mizzou GR. Thermal Ceramics, Kaocrete 32-G. BMI, Kemko 12. CE Refractories, Super Castable 32. Clayburn, Claycast 60 G. General, Brikcast 3100 G. Harbison Walker, Alusa Gun Mix. J H France, Hydrecon 70. Johns-Manville, Firecrete 3000. Kaiser, Purocast GM. North American, Shastakast. Plibrico, Plicast 36. Resco, RS-17.

GMC 7: Gun Mix Castable. Max Continuous Service Temp.: 1650 °C.

Weight %	SiO ₂	Al ₂ O ₃	TiO ₂	Fe ₂ O ₃	CaO	MgO	Alkali	Cr ₂ O ₃	P ₂ O ₅	ZrO ₂	SiC	LOI	Porosity %
	0.1	94.9	0.1	0.2	4.5	0.1	0.2	-	-	-	-	-	-

Suppliers and product names: AP Green, Greencast 97 GR or Greencast 94 GR. Thermal Ceramics, Kaotab 95G. CE Refractories, Castable 141-A. General, Special High Alumina Castable G. Harbison Walker, Castolast Gun Mix.

GMC 8: Gun Mix Castable. Max Continuous Service Temp.: 700 °C.

Weight %	SiO ₂	Al ₂ O ₃	TiO ₂	Fe ₂ O ₃	CaO	MgO	Alkali	Cr ₂ O ₃	P ₂ O ₅	ZrO ₂	SiC	LOI	Porosity %
	36.1	9.4	0.4	4.9	38.4	7.6	3.2	-	-	-	-	-	-

Suppliers and product names: AP Green, Castable Block Mix. CE Refractories, CER-Lite 20. Clayburn, Insulite Block Castable G. General, Litecast 30G. Harbison-Walker, LW Gun Mix 16 Castable. Plibrico, Plicast Airlite. Resco, RP-3-20.

GMC 9: Gun Mix Castable. Max Continuous Service Temp.: 930 °C.

Weight %	SiO ₂	Al ₂ O ₃	TiO ₂	Fe ₂ O ₃	CaO	MgO	Alkali	Cr ₂ O ₃	P ₂ O ₅	ZrO ₂	SiC	LOI	Porosity %
	40.6	29.6	1.5	6.1	15.2	4.3	2.7	-	-	-	-	-	-

Suppliers and product names: AP Green, VSL-50. Thermal Ceramics, Kaolite 2300 LI. General, Litecast 50 LI G. Harbison-Walker, Light Weight Castable LI. Kaiser, IRC 24 LI. Resco, RS-3A.

GMC 10: Gun Mix Castable. Max Continuous Service Temp.: 1037 °C.

Weight %	SiO ₂	Al ₂ O ₃	TiO ₂	Fe ₂ O ₃	CaO	MgO	Alkali	Cr ₂ O ₃	P ₂ O ₅	ZrO ₂	SiC	LOI	Porosity %
	34.1	36.5	1.0	6.6	17.6	2.4	1.8	-	-	-	-	-	-

Suppliers and product names: AP Green, Castable #22. Thermal Ceramics, Kaolite 2200. CE Refractories, Lite Wate 58. Clayburn, Thermolite 22 G. General, Litecast 50 G. Harbison Walker, Lightweight Gun Mix 22. J H France, LW Hydrecon 2200 LI. Johns-Manville, Blazelite 2000. Kaiser, IRC 22. North American, Litecrete 50. Plibrico, Pligun Verilite. Quigley, Insulcrete 21. Resco, RS-3.

GMC 11: Gun Mix Castable. Max Continuous Service Temp.: 1260 °C.

Weight %	SiO ₂	Al ₂ O ₃	TiO ₂	Fe ₂ O ₃	CaO	MgO	Alkali	Cr ₂ O ₃	P ₂ O ₅	ZrO ₂	SiC	LOI	Porosity %
	43.0	44.2	2.2	1.1	7.7	0.3	0.5	-	-	-	-	-	-

Suppliers and product names: AP Green, Kast-O-Lite 25 GR. Thermal Ceramics, Kaolite 2200 HS. BMI, Hydra I6. CE Refractories, Lite Wate 80 HPI. Clayburn, THermolite 26 G. General, HL-41. Harbison Walker, 26 Gun Mix. J H France, LW Hyfrecon 2400. Johns-Manville, Firelite 2500. Kaiser, IRC 26 LI. North American, Litecrete 90. Plibrico, Pligun LWI 24. Quigley, Plastic Insulcrete. Resco, RS-7.

GMC 12: Gun Mix Castable. Max Continuous Service Temp.: 1426 °C.

Weight %	SiO ₂	Al ₂ O ₃	TiO ₂	Fe ₂ O ₃	CaO	MgO	Alkali	Cr ₂ O ₃	P ₂ O ₅	ZrO ₂	SiC	LOI	Porosity %
	37.5	54.0	1.6	1.1	4.4	0.1	1.3	-	-	-	-	-	-

Suppliers and product names: AP Green, Kast-O-Lite 25. Thermal Ceramics, Kaolite 2500 HS. BMI, Hydralite I 25-50. CE Refractories, Lite Wate 70. Clayburn, Thermolite 26 G. General, Litecast 50-25G. Harbison Walker, Light Weight Castable ES. J H France, LW Hydrocon 2400. Johns-Manville, Firelite 2300. Kaiser, IRC. North American, Litecrete 70. Plibrico, Pligun LWI 24. Resco, RS-7.

GMC 13: Gun Mix Castable. Max Continuous Service Temp.: 1426 °C.

Weight %	SiO ₂	Al ₂ O ₃	TiO ₂	Fe ₂ O ₃	CaO	MgO	Alkali	Cr ₂ O ₃	P ₂ O ₅	ZrO ₂	SiC	LOI	Porosity %
	23.0	70.2	2.8	1.6	1.9	0.2	0.3	-	-	-	-	-	-

Suppliers and product names: AP Green, Greencast 94. Thermal Ceramics, Kaotab 95G. BMI, Hydra Tab 3400. CE Refractories, Fractocrete 3400. Clayburn, Claycast 94 G. General, Special High Alumina Castable G. Harbison-Walker, Castolast G. J H France, Hydrocon Tab Cast. Kaiser, Purotab. North American, Duracast 94 or Narcotab. Resco, RS-17A.

GMC 14: Gun Mix Castable. Max Continuous Service Temp.: 1537 °C.

Weight %	SiO ₂	Al ₂ O ₃	TiO ₂	Fe ₂ O ₃	CaO	MgO	Alkali	Cr ₂ O ₃	P ₂ O ₅	ZrO ₂	SiC	LOI	Porosity %
	8.3	89.1	0.6	0.5	1.3	0.1	0.1	-	-	-	-	-	-

Suppliers and product names: CE Refractories, Gun -Ram 85 DPM. Harbison Walker, Korundal Gun Mix. Kaiser, Mono-Gun 90. Plibrico, Pligun 80S.

9. Plastic Castable

PC 1: Plastic Castable. Max Continuous Service Temp.: 1480 °C.

Weight %	SiO ₂	Al ₂ O ₃	TiO ₂	Fe ₂ O ₃	CaO	MgO	Alkali	Cr ₂ O ₃	P ₂ O ₅	ZrO ₂	SiC	LOI	Porosity %
	24.3	70.6	2.9	1.7	0.1	0.1	0.3	-	-	-	-	-	-

Suppliers and product names: AP Green, Greenpak 90 P. BMI, Ramlox 9A-PB. CE Refractories, 85 Ram HS. General, Brikram 90. J H France, Spartan 85. Kaiser, Mono 90. Plibrico, Pliram SR 90.

PC 2: Plastic Castable. Max Continuous Service Temp.: 1538 °C.

Weight %	SiO ₂	Al ₂ O ₃	TiO ₂	Fe ₂ O ₃	CaO	MgO	Alkali	Cr ₂ O ₃	P ₂ O ₅	ZrO ₂	SiC	LOI	Porosity %
	8.4	84	2.1	1.1	-	-	0.3	-	-	-	-	-	-

Suppliers and product names: AP Green, Greenpak 90 PF. Thermal Ceramics, Kaophos 93. CE Refractories, AR 400. General, Special High Alumina Castable. Harbison Walker, Coral Plastic Fine. Kaiser, Corline. Resco, AA-22.

PC 3: Plastic Castable. Max Continuous Service Temp.: 1600 °C.

Weight %	SiO ₂	Al ₂ O ₃	TiO ₂	Fe ₂ O ₃	CaO	MgO	Alkali	Cr ₂ O ₃	P ₂ O ₅	ZrO ₂	SiC	LOI	Porosity %
	12.7	83.1	2.7	1.3	-	-	0.2	-	-	-	-	-	-

Suppliers and product names: BMI, Hydra Max 90A. CE Refractories, 85 Ram HS. Clayburn, Claycast 86. Harbison Walker, Coralite Plastic. J H France, Spartan 85. Plibrico, Plibrico 85 AB.

PC 4: Plastic Castable. Max Continuous Service Temp.: 1648 °C.

Weight %	SiO ₂	Al ₂ O ₃	TiO ₂	Fe ₂ O ₃	CaO	MgO	Alkali	Cr ₂ O ₃	P ₂ O ₅	ZrO ₂	SiC	LOI	Porosity %
	9.4	86	0.1	0.2	0.1	0.1	0.1	-	4.0	-	-	-	-

Suppliers and product names: AP Green, Greenpak 85-P. BMI, Ramlox 9A-PB. CE Refractories, 90 Ram HS. Clayburn, P85 Plus Plastic. Harbison Walker, Korundal Plastic. J H France, Spartan 90. Kaiser, Mono 90. Plibrico, Plibrico 90 AB.

PC 5: Plastic Castable. Max Continuous Service Temp.: 1565 °C.

Weight %	SiO ₂	Al ₂ O ₃	TiO ₂	Fe ₂ O ₃	CaO	MgO	Alkali	Cr ₂ O ₃	P ₂ O ₅	ZrO ₂	SiC	LOI	Porosity %
	25.3	71.0	2.4	0.9	0.1	0.1	0.2	-	4.0	-	-	-	-

Suppliers and product names: AP Green, Greenram MU-W. CE Refractories, Blu-Ram. General, Sillimanite. Harbison Walker, Mullite Plastic. J H France, MRM. Thermal Ceramics, Mullram E.

PC 6: Plastic Castable. Max Continuous Service Temp.: 1480 °C.

Weight %	SiO ₂	Al ₂ O ₃	TiO ₂	Fe ₂ O ₃	CaO	MgO	Alkali	Cr ₂ O ₃	P ₂ O ₅	ZrO ₂	SiC	LOI	Porosity %
	49.5	45.5	2.2	1.1	0.2	0.4	1.1	-	-	-	-	-	-

Suppliers and product names: AP Green, Super Plastic. CE Refractories, Ramtite #25. General, Super Brikram. Harbison Walker, Super Plastic. Kaiser, Mono T-9. North American, Shur Ram. J H France, Super Franco AS. Quigley, Mono-Line Super. Thermal Ceramics, Kaolith 45HS.

PC 7: Plastic Castable. Max Continuous Service Temp.: 1600 °C.

Weight %	SiO ₂	Al ₂ O ₃	TiO ₂	Fe ₂ O ₃	CaO	MgO	Alkali	Cr ₂ O ₃	P ₂ O ₅	ZrO ₂	SiC	LOI	Porosity %
	1.9	84.0	-	0.2	0.1	0.1	0.3	9.5	3.9	-	-	-	-

Suppliers and product names: AP Green, Greenpak 85P. CE Refractories, 85 Ram HS. Harbison Walker, Ruby Plastic. North American, Narcal 85P. J H France, Spartan 90P. Plibrico, Pliram 90 S. Resco, Adaram 90.

PC 8: Plastic Castable. Max Continuous Service Temp.: 1538 °C.

Weight %	SiO ₂	Al ₂ O ₃	TiO ₂	Fe ₂ O ₃	CaO	MgO	Alkali	Cr ₂ O ₃	P ₂ O ₅	ZrO ₂	SiC	LOI	Porosity %
	36	60	2.5	1.3	0.1	0.2	0.2	-	-	-	-	-	-

Suppliers and product names: AP Green, High Alumina Plastic. BMI, Ramlox 6A. CE Refractories, 70 Ram HS. Clayburn, 60 Plus Plastic CS. Harbison-Walker, Ufala Plastic. Kaiser, Mono 60 Air Set. North American, Pyramid 60. Plibrico, Plibrico 60AB or Plibrico 60 AB HyRate.

PC 9: Plastic Castable. Max Continuous Service Temp.: 1480 °C.

Weight %	SiO ₂	Al ₂ O ₃	TiO ₂	Fe ₂ O ₃	CaO	MgO	Alkali	Cr ₂ O ₃	P ₂ O ₅	ZrO ₂	SiC	LOI	Porosity %
	36.5	56.4	1.7	1.0	0.1	0.1	0.3	-	3.9	-	-	-	-

Suppliers and product names: AP Green, Super Hybond. BMI, Ramlox 10. CE Refractories, Ramtite 25. General, Super Brikram G. J H France, Super Franco Air Set. Kaiser, Mono T-9 Air Set. North American, Super Pyramid A/S. Plibrico, Super F AB or Super F AB HyRate.

10. Ramming Mix Castable

RMC 1: Ramming Mix Castable.													
Weight %	SiO ₂	Al ₂ O ₃	TiO ₂	Fe ₂ O ₃	CaO	MgO	Alkali	Cr ₂ O ₃	P ₂ O ₅	ZrO ₂	SiC	LOI	Porosity %
	12.7	83.1	1.3	2.7	-	-	0.2	-	-	-	-	-	-
Suppliers and product names: AP Green, APG-302. CE Refractories, K11 Fortified A. General, Brikram 80. Harbison Walker, Coralite Ramming Mix. J H France, MRM No. 80. North American, Ramal 80. Thermal Ceramics, Kaoram 80 HS.													

11. Ceramic Fiber Blanket

CF 1: Ceramic Fiber Blanket. Max Continuous Service Temp.: 1090 °C. Fired Density: 112 kg/m ³ .													
Weight %	SiO ₂	Al ₂ O ₃	TiO ₂	Fe ₂ O ₃	CaO	MgO	Alkali	Cr ₂ O ₃	P ₂ O ₅	ZrO ₂	SiC	LOI	Porosity %
	55.0	40.0	-	1.0	-	-	-	-	-	-	-	-	-
Suppliers and product names: AP Green, Inswool. Thermal Ceramics, Kaowool 2300. Carborundum, Fiberfrax Durablank. CE Refractories, Cerwool. Johns-Mansville, Cerablanket.													

CF 2: Ceramic Fiber Blanket. Max Continuous Service Temp.: 1260 °C. Fired Density: 128 kg/m ³ .													
Weight %	SiO ₂	Al ₂ O ₃	TiO ₂	Fe ₂ O ₃	CaO	MgO	Alkali	Cr ₂ O ₃	P ₂ O ₅	ZrO ₂	SiC	LOI	Porosity %
	47	52	-	1.0	-	-	-	-	-	-	-	-	-
Suppliers and product names: AP Green, Inswool HT. Thermal Ceramics, Kaowool 2600. Carborundum, Fiberfrax Durablanket. CE Refractories, Cerwool.													

CF 3: Ceramic Fiber Blanket. Max Continuous Service Temp.: 1260 °C.													
Weight %	SiO ₂	Al ₂ O ₃	TiO ₂	Fe ₂ O ₃	CaO	MgO	Alkali	Cr ₂ O ₃	P ₂ O ₅	ZrO ₂	SiC	LOI	Porosity %
	45	55	-	0.15	-	-	-	-	-	-	-	-	-
Suppliers and product names: AP Green, Inswool HT Bulk. Thermal Ceramics, Kaowool Bulk. Carborundum, Fiberfrax H Bulk. CE Refractories, CER-Wool 2700 Bulk. Johns-Mansville, Cerachrome Bulk.													

12. Ceramic Fiber Module

CF M1: Ceramic Fiber Module. Max Continuous Service Temp.: 1260 °C. Fired Density: 208 kg/m ³ .													
Weight %	SiO ₂	Al ₂ O ₃	TiO ₂	Fe ₂ O ₃	CaO	MgO	Alkali	Cr ₂ O ₃	P ₂ O ₅	ZrO ₂	SiC	LOI	Porosity %
	70.0	30.0	-	1.0	-	-	-	-	-	-	-	-	-
Suppliers and product names: AP Green, Inswool Module. Carborundum, 1260 °C Module. Thermal Ceramics, Saber Bloc II, 2300. CE Refractories, 1260 °C Module. Johns Manville, Z Blok II.													

CF M2: Ceramic Fiber Module. Max Continuous Service Temp.: 1427 °C. Fired Density: 208 kg/m ³ .													
Weight %	SiO ₂	Al ₂ O ₃	TiO ₂	Fe ₂ O ₃	CaO	MgO	Alkali	Cr ₂ O ₃	P ₂ O ₅	ZrO ₂	SiC	LOI	Porosity %
	65.0	35.0	-	1.0	-	-	-	-	-	-	-	-	-
Suppliers and product names: Thermal Ceramics, Saber Bloc II, 2600. AP Green, Inswool Module. Carborundum, 1427 °C Module. CE Refractories, 1427 °C Module, Cer-Lance & Lock. Johns Manville, Z Blok II.													

13. Ceramic Fiber Block

CF B1: Ceramic Fiber Block. Max Continuous Service Temp.: 982 °C. Fired Density: 270 kg/m ³ .													
Weight %	SiO ₂	Al ₂ O ₃	TiO ₂	Fe ₂ O ₃	CaO	MgO	Alkali	Cr ₂ O ₃	P ₂ O ₅	ZrO ₂	SiC	LOI	Porosity %
	60.0	35.0	-	2.0	-	-	-	-	-	-	-	-	-
Suppliers and product names: CE Refractories, Superex 2000. Johns-Mansville, Superex 2000. Kaiser, Super D Block.													

CF B2: Ceramic Fiber Block. Max Continuous Service Temp.: 1093 °C. Fired Density: 480 kg/m ³ .													
Weight %	SiO ₂	Al ₂ O ₃	TiO ₂	Fe ₂ O ₃	CaO	MgO	Alkali	Cr ₂ O ₃	P ₂ O ₅	ZrO ₂	SiC	LOI	Porosity %
	85.0	10.0	-	1.0	-	-	-	-	-	-	-	-	-
Suppliers and product names: AP Green, Inswool 2300 Board. Carborundum, Duraboard. CE Refractories, Thermotect A. Johns-Mansville, Ceraform Board #126.													

CF B3: Ceramic Fiber Block. Max Continuous Service Temp.: 1260 °C. Fired Density: 240 kg/m³.

Weight %	SiO ₂	Al ₂ O ₃	TiO ₂	Fe ₂ O ₃	CaO	MgO	Alkali	Cr ₂ O ₃	P ₂ O ₅	ZrO ₂	SiC	LOI	Porosity %
	60.0	40.0	-	0.9	-	-	-	-	-	-	-	-	-

Suppliers and product names: Carborundum, Fiberfrax Hot Board. CE Refractories, Thermotect B. Johns-Mansville, Ceraform Board #126. Kaiser, Fiberfrax Hot Board.