a	b	c	d	e	BNZP 23L	BNZP 23	BNZP 23B	BNZP 25L	BNZP 26A	BNZP 26HS	BNZP 26	Calor A	Calor B	Calor CA
Insulating Fire Brick														
			OLD NAMES >>>>>>>>		Calor 23	RI 23	RI 23B	RI 25	RI 26A	RI 26HS	Calor 26	same	same	same
Classification Group			ISO 2245		125.0.5-L	130-0.7-L	130-0.7-L	135-0.7-L	140-0.7-L	140-1.0	140-0.8	135-0.8	135-0.9	135-1.1
			ASTM C 155		23	23	23	25	26	26	26	25	25	25
Classification Temperature				°C	1250	1300	1300	1370	1400	1400	1400	1350	1350	1350
Density			ASTM C 134	kg/m^3	595	650	700	670	830	900	820	820	900	1100
Cold Crushing Strength			ASTM C 133	MPa	1.3	2	2	2	5	5	2.2	2.5	4	5.4/12*
Permanent Linear Change			ASTM C 210	%	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5
12h soak at Temperature, °C					1250	1300	1300	1340	1400	1400	1400	1350	1350	1350
Linear Thermal Expansion					0.5	0.5	0.6	0.5	0.6	0.6	0.6	0.5	0.5	0.5
Reversible 20-1000 °C														
Thermal Conductivity			ASTM C 182	W/mK										
Mean Temperature, °C														
200					0.15	0.17	0.18	0.19	0.18	0.23	0.24	0.21	0.23	0.29
400					0.17	0.19	0.2	0.21	0.2	0.27	0.26	0.24	0.27	0.32
600					0.19	0.22	0.23	0.23	0.23	0.3	0.32	0.28	0.3	0.36
800					0.22	0.26	0.27	0.27	0.26	0.35	0.35	0.32	0.35	0.4
1000					0.25	0.3	0.32	0.33	0.29	0.4	0.39	0.37	0.4	0.45
Chemical Analysis			%											
Al_2O_3	SiO_2				97	91.9	91.9	91.9	90.3	90.3	93.1	92.4	92.4	92.4
Fe_2O_3	TiO_2				1.9	1.5	2.5	2.1	2.3	2.3	2.1	2.3	2.3	2.4
CaO + MgO					0.5	0.5	0.5	0.6	0.4	0.4	0.4	0.6	0.6	0.4
$Na_2O + K_2O$					0.6	4	4	4.1	3.7	3.7	3.5	4.5	4.5	4
Dimensional Tolerances			mm		± 1	± 1	± 1	± 1	± 1	± 1	± 1	± 1	± 1	± 1