

PROPERTIES	UNIT	SC – HFK (R)	SC – HFK (SP)	SC – 23	SC - 26	SC - 28
Maximum Hot Face Temperature	°C	1350	1400	1260	1400	1540
Bulk Density	gm / cc	0.9	1.1	0.7	0.8	0.85
Cold Crushing Strength	Kg / cm <sup>2</sup>	25	50	10	18	19
Reheat Change (24 hrs. Testing)	%	0.2 at 1200 °C	0.2 at 1350 °C	0.7 at 1250 °C	0.2 at 1350 °C	0.2 at 1500 °C
Apparent Porosity	%	65	57	71	71	71
At 400 °C Hot Face Temperature	w /m °K	0.28	0.30	0.14	0.18	0.28
At 800 °C Hot Face Temperature		0.32	0.35	0.24	0.32	0.32
At 1200 °C Hot Face Temperature		0.37	0.40	0.3	0.38	0.39
Al <sub>2</sub> O <sub>3</sub> (Min.)	%	32	40	32	50	60
Fe <sub>2</sub> O <sub>3</sub> (Max.)		1	0.7	1	0.7	0.6
TiO <sub>2</sub> (Max.)		1.5	1	2	1	0.7