



Spinel refractories
Technical data sheet
SPC65



General information						
Product properties		Average Value			limited values	
Classification		High Alumina Castable				
Main raw material		alumina				
Bonding type		Hydraulic				
Grain size		0-5mm				
Working method		casting				
Bulk Density $k\ g/m^3$ ASTM C20		2450				
Liquid addition		water				
Storage limit		6month / Dry Condition				
Max Service Temp		1650°C				
CCS @ 1470 °C ASTM C133 ($k\ g/cm^2$)					600	800
CCS @ 110 °C ASTM C133 ($k\ g/cm^2$)					400	650
Linear Change%@110°C		Negligible				
Linear Change%@1470°C					-1.00	0.00
Modulus of Rupture@110°C ($k\ g/cm^2$)					35	90
Modulus of Rupture@1470°C ($k\ g/cm^2$)					80	110
Chemical analysis(Typical /Approximate)						
Al_2O_3 %	SiO_2 %	Fe_2O_3 %	TiO_2 %	N_2 %	CaO %	$(Na_2O + K_2O)\%$
64-70	20-26	1.0-2.5	1.5-3.5	-	1.5-3.5	-