



Spinel refractories
Technical data sheet
SPLC65



General information						
Product properties		Average Value			limited values	
Classification		High Alumina				
Main raw material		Bauxite				
Bonding type		Hydraulic				
Grain size		0-5mm				
Working method		casting				
Bulk Density $k g/m^3$ ASTM C20		2750				
Liquid addition		water/9-11%				
Storage limit		6month / Dry Condition				
Max Service Temp		1650°C				
CCS @ 1470 °C ASTM C133 $(k g/cm^2)$					500	700
CCS @ 110 °C ASTM C133 $(k g/cm^2)$					220	450
Linear Change%@110°C		Negligible				
Linear Change%@1470°C					1.00	0.00
Modulus of Rupture@110°C $(k g/cm^2)$					30	80
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 %	MgO %	CaO %	$(Na_2O + K_2O)\%$
64-71	20-24	1-3	3.5-5.5	-	1.5-3.5	-