



Spinel refractories
Technical data sheet
SPLC95



General information						
Product properties		Average Value			limited values	
Classification		High Alumina				
Main raw material		Tabular alumina				
Bonding type		Hydraulic				
Grain size		0-6mm				
Working method		casting				
Bulk Density $k\ g/m^3$ ASTM C20		2930				
Liquid addition		water				
Storage limit		6month / Dry Condition				
Max Service Temp		1820°C				
CCS @ 1500 °C ASTM C133 $(k\ g/cm^2)$					900	1000
CCS @ 110 °C ASTM C133 $(k\ g/cm^2)$					550	650
Linear Change%@110°C		Negligible				
Linear Change%@1500°C					0.50	0.75
Modulus of Rupture@110°C $(k\ g/cm^2)$						
Modulus of Rupture@1500°C $(k\ g/cm^2)$						
Chemical analysis(Typical /Approximate)						
Al_2O_3 %	SiO_2 %	Fe_2O_3 %	TiO_2 %	MgO %	CaO %	SiC %
96-97	0.1-0.6	-	-	-	1-2	-