



Spinel refractories
Technical data sheet
SPLC80 LI



General information						
Product properties		Average Value			limited values	
Classification		High Alumina				
Main raw material		high alumina				
Bonding type		Hydraulic				
Grain size		0-5mm				
Working method		casting				
Bulk Density kg/m^3 ASTM C20		2640				
Liquid addition		water				
Storage limit		6month / Dry Condition				
Max Service Temp		1700°C				
CCS @ 1650 °C ASTM C133 (kg/cm^2)					600	800
CCS @ 110 °C ASTM C133 (kg/cm^2)					600	800
Linear Change%@110°C		Negligible				
Linear Change%@1650°C					-0.50	1.50
Modulus of Rupture@110°C (kg/cm^2)					100	150
Modulus of Rupture@1650°C (kg/cm^2)					100	150
Chemical analysis(Typical /Approximate)						
Al_2O_3 %	SiO_2 %	Fe_2O_3 %	TiO_2 %	MgO %	CaO %	$(Na_2O + K_2O)\%$
79-81	13-17	1-2.5	1-2	-	1-2.5	-