



Spinel refractories
Technical data sheet
SPLC85



General information						
Product properties		Average Value		limited values		
Classification		High Alumina				
Main raw material		alumina				
Bonding type		Hydraulic				
Grain size		0-5mm				
Working method		casting				
Bulk Density kg/m^3 ASTM C20		2750				
Liquid addition		water				
Storage limit		6month / Dry Condition				
Max Service Temp		1750°C				
CCS @ 1650 °C ASTM C133 (kg/cm^2)				600		800
CCS @ 110 °C ASTM C133 (kg/cm^2)				700		900
Linear Change%@110°C		Negligible				
Linear Change%@1650°C				-0.50		0.50
Modulus of Rupture@110°C (kg/cm^2)				100		150
Modulus of Rupture@1650°C (kg/cm^2)				150		250
Chemical analysis(Typical /Approximate)						
Al_2O_3 %	SiO_2 %	Fe_2O_3 %	TiO_2 %	MgO %	CaO %	$(Na_2O + K_2O + Li_2O)\%$
83--87	7.5-9.5	1-2.5	2-3.5	-	1.-1.8	-