



Spinel refractories
Technical data sheet
SPC60



General information						
Product properties		Average Value			limited values	
Classification		High Alumina Castable				
Main raw material		Andalusite – Bauxite				
Bonding type		Hydraulic				
Grain size		0-3mm				
Working method		mortar				
Bulk Density $k\,g/m^3$ ASTM C20		2200				
Liqiud addition		water				
Storage limit		6month / Dry Condition				
Max Service Temp		1640°C				
CCS @ 1600 °C ASTM C133 $(k\,g/cm^2)$		700				
CCS @ 110 °C ASTM C133 $(k\,g/cm^2)$		800				
Linear Change%@110°C		Negligible				
Linear Change%@1600°C		1				
Modulus of Rupture@110°C $(k\,g/cm^2)$		110				
Modulus of Rupture@1600°C $(k\,g/cm^2)$		120				
Chemical analysis(Typical /Approximate)						
Al_2O_3 %	SiO_2 %	Fe_2O_3 %	TiO_2 %	N_2 %	CaO %	$(Na_2O + K_2O)\%$
59-65	30-36	1.0-2.0	0.1-1.2	-	1.5-3.5	-