



Spinel refractories
Technical data sheet
SPMOR55 HS



General information						
Product properties		Average Value			limited values	
Classification		high alumina				
Main raw material		Bauxite				
Bonding type		Ceramic				
Grain size		0-1mm				
Working method		mortar				
Bulk Density $k\ g/m^3$ ASTM C20						
Liquid addition		water				
Storage limit		6month / Dry Condition				
Max Service Temp		1400°C				
CCS @ 1400 °C ASTM C133 ($k\ g/cm^2$)						
CCS @ 110 °C ASTM C133 ($k\ g/cm^2$)						
Linear Change%@110°C		-				
Linear Change%@1400°C		-				
Modulus of Rupture@110°C ($k\ g/cm^2$)						
Modulus of Rupture@1400°C ($k\ g/cm^2$)						
Chemical analysis(Typical /Approximate)						
Al_2O_3 %	SiO_2 %	Fe_2O_3 %	TiO_2 %	MgO %	CaO %	(Na_2O + K_2O)%
58-62	30-34	1.5-3.0	2.0-4.0	-	-	4.0-5.0