



Spinel refractories
Technical data sheet
SPC75 CB



General information						
Product properties		Average Value			limited values	
Classification		High alumina				
Main raw material		Bauxite				
Bonding type		Chemical Bonded				
Grain size						
Working method						
Bulk Density <i>k g/m³</i> ASTM C20		2770				
Liquid addition						
Storage limit		6month / Dry Condition				
Max Service Temp		1650°C				
CCS @ 1400 °C ASTM C133 (<i>k g/cm²</i>)					320	400
CCS @ 110 °C ASTM C133 (<i>k g/cm²</i>)					90	110
Linear Change%@110°C					-0.3	-0.6
Linear Change%@1400°C					0.60	0.70
Modulus of Rupture@110°C (<i>k g/cm²</i>)					25	35
Modulus of Rupture@1400°C (<i>k g/cm²</i>)					110	135
Chemical analysis(Typical /Approximate)						
<i>Al₂O₃</i> %	<i>SiO₂</i> %	<i>Fe₂O₃</i> %	<i>TiO₂</i> %	<i>MgO</i> %	<i>CaO</i> %	<i>(Na₂O + K₂O)</i> %
74-78	13-17	1-3	1.5-3.5	0.1-0.6	0.1-0.9	0.1-0.9