



Spinel refractories
Technical data sheet
SPC94 LI



General information						
Product properties		Average Value			limited values	
Classification		High Alumina Castable				
Main raw material		Tabular alumina				
Bonding type		Hydraulic				
Grain size		0-5mm				
Working method		casting				
Bulk Density <i>k g/m³</i> ASTM C20		2750				
Liquid addition		water				
Storage limit		6month / Dry Condition				
Max Service Temp		1750°C				
CCS @ 1730 °C ASTM C133 <i>(k g/cm²)</i>					300	400
CCS @ 110 °C ASTM C133 <i>(k g/cm²)</i>					300	400
Linear Change%@110°C		Negligible				
Linear Change%@1730°C					-0.10	0.50
Modulus of Rupture@110°C <i>(k g/cm²)</i>					50	100
Modulus of Rupture@1730°C <i>(k g/cm²)</i>					100	150
Chemical analysis(Typical /Approximate)						
<i>Al₂O₃</i> %	<i>SiO₂</i> %	<i>Fe₂O₃</i> %	<i>TiO₂</i> %	<i>MgO</i> %	<i>CaO</i> %	<i>SiC</i> %
91-95	-	0.1-0.6	-	-	3.5-4.5	-