



Spinel refractories  
Technical data sheet  
SPMOR55 AS



General information

Product properties	Average Value	limited values				
Classification	High alumina					
Main raw material	Bauxite					
Bonding type	Chemical Bonded					
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	1410°C					
CCS @ 1400 °C ASTM C133 (k g/cm <sup>2</sup> )						
CCS @ 110 °C ASTM C133 (k g/cm <sup>2</sup> )						
Linear Change%@110°C	-					
Linear Change%@1400°C	-					
Modulus of Rupture@110°C (k g/cm <sup>2</sup> )						
Modulus of Rupture@1400°C (k g/cm <sup>2</sup> )						
Chemical analysis(Typical / Approximate)						
Al <sub>2</sub> O <sub>3</sub> %	SiO <sub>2</sub> %	Fe <sub>2</sub> O <sub>3</sub> %	TiO <sub>2</sub> %	MgO %	CaO %	(Na <sub>2</sub> O + K <sub>2</sub> O)%
58-62	30-34	1.5-3.0	2.0-4.0	-	-	4.0-5.0