



Date : 97/03/01		Material Specification for insulating brick		 IRAN ALLOY STEEL CO.							
Rev.:00											
ID code : N-065879.Y		Storage site : PU17		Area : 18R							
General properties											
Basic components		Mullite fireclay, Alumina		Bonding system							
classification		refractory									
Chemical composition (wt. %) :			Fig.								
<table border="0"> <tr> <td>Al₂O₃</td> <td>30-35</td> </tr> <tr> <td>SiO₂</td> <td>55-65</td> </tr> <tr> <td>Fe₂O₃</td> <td>0.5-1</td> </tr> </table>			Al ₂ O ₃	30-35	SiO ₂	55-65	Fe ₂ O ₃	0.5-1			
Al ₂ O ₃	30-35										
SiO ₂	55-65										
Fe ₂ O ₃	0.5-1										
			NF2/40: 250*124*40								
			Map no.:-								
Sieve analysis /Dimension:											
Physical properties :											
Bulk Density		g/cm ³	0.7-0.9								
Appearance Porosity		%	-								
Mechanical/Thermal properties :											
Permanent Linear Change		%	-								
Cold Crushing Strenght		kg/cm ²	13-20								
Refractoriness Under Load		°C	-								
Hot Modulus of Rupture		kg/cm ²	-								
Thermal Conductivity		W/m . ° k	0.2 at 400, 0.35 at1000								
Thermal Expansion		%	-								
Thermal Shock resistance		cycle	-								
Max Service Point		° C	1260								
Remark											
Packing In pallet											
Color:		Weight :									
Trade name:		shelf life: <input type="checkbox"/> ... Year NA <input type="checkbox"/>									
Life time :											
High performance in tundish insulaing lining											
Quality Check											
Certificate from supplier and laboratory test											
Edited:		Checked:		Approved:							
1- Ali shirani 2-Mehdi eslampoor		1-Ahmad Jafarian		1- Mahmood ghadiry							