


Date: 98/05/15		Material Specification for Green Mortar		 IRAN ALLOY STEEL CO.	
Rev.: 00					
ID code :N-065967.Y		Area : Ladle		Storage site : PU17	
General properties					
Basic Components:High Alumina – ehrom mortar			Bonding System:Chemical - Ceramic		
Classification: Heat Stting					
Chemical composition (wt. %) : <div> <div>Fe₂O₃</div> <div>≤ 0.5</div> </div> <div> <div>CaO</div> <div>≤ 0.25</div> </div> <div> <div>SiO₂</div> <div>4-5</div> </div> <div> <div>Al₂O₃</div> <div>84-90</div> </div> <div> <div>Cr₂O₃</div> <div>6-7</div> </div>			Fig. 		
			Map no.: -		
Sieve analysis /Dimension: 0-0.2mm Physical properties : <div> <div>Bulk Density</div> <div>g/cm³</div> <div>-</div> </div> <div> <div>Appearance Porosity</div> <div>%</div> <div>-</div> </div> Mechanical/Thermal properties: <div> <div>Permanent Linear Change</div> <div>%</div> <div>-</div> </div> <div> <div>Cold Crushing Strenght</div> <div>kg/cm²</div> <div>-</div> </div> <div> <div>Refractoriness Under Load</div> <div>°C</div> <div>-</div> </div> <div> <div>Hot Modulus of Rupture</div> <div>kg/cm²</div> <div>-</div> </div> <div> <div>Thermal Conductivity</div> <div>W/m .° k</div> <div>-</div> </div> <div> <div>Thermal Expansion</div> <div>%</div> <div>-</div> </div> <div> <div>Thermal Shock Resistance</div> <div>cycle</div> <div>-</div> </div> <div> <div>Max Service Point</div> <div>° C</div> <div>1750</div> </div>					
Remark: Water required for mixing on Site : Ready to use Packing: 10kg in Humidity Proof bags Shelf life: <input type="checkbox"/> 0.5 Year NA <input type="checkbox"/> Life time: - Quality Check: Certificate from supplier and laboratory test					
Edited: 1-Mehdi Eslampoor		Checked: 1-Ahmad Jafarian		Approved: 1- Mohammad Ali Jafarzadeh	