


Date: 02/05/28		Material Specification for Olivine Sand For Tundish		 IRAN ALLOY STEEL CO.	
Rev.: 00					
ID code :7008060001		Area : Tundish		Storage site PU17	
General properties					
Basic Components: silica			Bonding System		
Classification:					
<u>Chemical composition (wt. %) :</u> MgO Min 45 SiO2 Max 40 Fe ₂ O ₃ Max 7 L.O.I Max 2			<u>Fig.</u> 		
			<u>Map no.:</u>		
<u>Sieve analysis /Dimension0-1mm</u>					
<u>Physical properties :</u>					
Poured Density		g/cm ³			
Appearance Porosity		%			
<u>Mechanical/Thermal properties:</u>					
Cold Crushing Strenghtat		kg/cm ²			
Cold Crushing Strenghtat		kg/cm ²			
Cold Crushing Strenghtat		kg/cm ²			
Thermal Conductivity at		W/m .° k			
Thermal Expansionat		%			
Thermal Shock Resistance		Cycle			
Max Service Point		1500		° C	
<u>Remark:</u>					
<u>Packing:</u>					
Shelf life: <input type="checkbox"/> 1 Year NA <input checked="" type="checkbox"/>					
<u>Quality Check:</u>					
Certificate from supplier and labratory test					
Edited: Eslampour Mahdi		Checked: Saffarzadeh Vahid		Approved: Jafarzadeh Mohammad Ali	