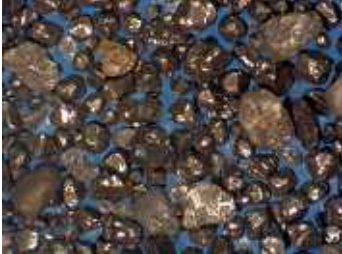

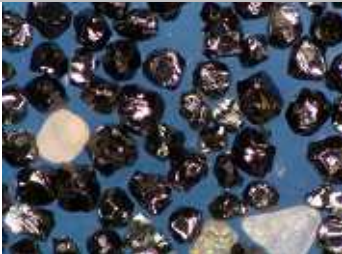


PRODUCT LINE UP OF AKASHI PLANT

Last updated: January 22, 2014

As the steel making technology advances, the demand for stable quality nozzle sand for ladle increasingly rises. Our sliding nozzle sand for ladle is a high quality product that can meet various requirements and conditions as the filling material. Our FMCR series were jointly developed with JFE STEEL CORPORATION (formerly known as "NKK"). It is a mixture of Silica sand and Chromite sand that were strictly screened, processed and manufactured with our unique technique. Unlike any other products available in the market, FMCR series have superior and unprecedented characteristics in terms of particle fluidity, refractoriness and quality stability.

1. Nozzle Sand (Chromite basis)

 <p>YMCS580C</p> <p>Particle Size Particle size(mm) : 0.8 – 0.1 Bulk Specific Gravity : 2.6</p> <p>Chemical Composition SiO₂ : 19.0 Al₂O₃ : 13.0 Fe₂O₃ : 23.0 R₂O : 0.2 C : 0.1</p>	<p>NO IMAGES</p> <p>YFCS5470C</p> <p>Particle Size Particle size(mm) : 1.2 – 0.1 Bulk Specific Gravity : 2.4</p> <p>Chemical Composition SiO₂ : 30.0 Al₂O₃ : 11.0 Fe₂O₃ : 20.0 R₂O : 0.0 C : 0.2</p>	 <p>FMCR70</p> <p>Particle Size Bulk Specific Gravity:0.8 – 0.1 Bulk Specific Gravity:2.4</p> <p>Chemical Composition SiO₂ : 30.0 Al₂O₃ : 11.0 Fe₂O₃ : 20.0 R₂O : 0.0 C : 0.0</p>
 <p>FMCR80</p> <p>Particle Size Particle size(mm) : 0.8 – 0.1 Bulk Specific Gravity : 2.6</p> <p>Chemical Composition SiO₂ : 21.0 Al₂O₃ : 12.0 Fe₂O₃ : 23.0 R₂O : 0.0 C : 0.0</p>		

2. Nozzle Sand (Silica basis)

Royal sand series is high performing and cost-effective product, which utilizes various kind of silica sand ingredients having different characteristics. We maintain the stability of quality by controlling the particle size distribution and chemical component ratio at dedicated production line.



ROYAL MS40

Particle Size

Particle size(mm) : 0.8 ~ 0.1
Bulk Specific Gravity : 2.6

Chemical Composition

SiO₂ : 19.0
Al₂O₃ : 13.0
Fe₂O₃ : 19.0
R₂O : 0.2
C : 1.0



ROYAL MS40C

Particle Size

Particle size(mm) : 0.8 ~ 0.1
Bulk Specific Gravity : 2.6

Chemical Composition

SiO₂ : 19.0
Al₂O₃ : 13.0
Fe₂O₃ : 19.0
R₂O : 0.2
C : 1.0



Packaging Options

At Akashi plant, we are capable of packaging the sand not only into supersack (flexible container) but also into small PP bags (3kg to 10kgs/ bag), using the automated weighing and packaging device for maximizing the efficiency, shortening the delivery time and stable supply.