



STEEL MELTTM
INDUSTRIES

Premium Rice Husk Ash (RHA)

Superior Rice Husk Ash, reliable high-performance insulation solutions.

Our Core Products

- Premium Rice Husk Ash (Powder)
- Premium Rice Husk Ash (Granules)
- Magnesia Based
- Micro Silica
- Tundish Covering Compound
- Ladle Covering Compound
- Nozzle Filling Compound
- Insulating Powders

Engineered for Heat. Built for Performance.



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ABOUT US

****Steel Melt Industries**** is a leading manufacturer and global supplier of premium ****Rice Husk Ash (RHA)**** for thermal insulation in steel plants. Our high-performance RHA helps reduce heat loss, extend refractory life, and improve energy efficiency in ladles and tundishes.

With advanced manufacturing, strict quality control, and efficient global logistics, we provide consistent, cost-effective insulation solutions backed by reliable supply and customized packaging. Committed to sustainability, we transform rice husk waste into a valuable industrial material, making Steel Melt Industries a trusted partner for high-quality insulation solutions worldwide.

OUR PRODUCTS

- Premium Rice Husk Ash (Powder)
- Premium Rice Husk Ash (Granules)
- Magnesia Based
- Micro Silica
- Ladle & Tundish Covering Compound
- Radex Refractory Compound
- Nozzle Filling Compound
- Insulating Powders

WHY CHOOSE US

- Premium Quality Products
- High Silica Content
- Consistent Chemical Composition
- Strict Quality Control
- Reliable Global Supply
- Innovative Manufacturing
- Customer-Centric Service
- Trusted by Leading Steel Plants

OUR MISSION

To deliver premium Rice Husk Ash and advanced insulation solutions that improve thermal efficiency, enhance steel production, promote sustainable manufacturing, and create long-term value for customers through quality, innovation, and reliable service.

Quality Assurance

At Steel Melt Industries, quality is at the core of everything we do. We are committed to producing premium Rice Husk Ash that delivers consistent performance, excellent thermal insulation, and reliability for steel plants worldwide.

Documentation

Each batch of Rice Husk Ash undergoes detailed testing to verify key parameters across chemistry, physical properties, and refractory performance. Batch-specific test reports and quality certificates are provided to customers, ensuring complete transparency and confidence in product performance.

Rigorous Testing

- Silica (SiO_2) content and impurity levels
- Particle size distribution
- Bulk density
- Moisture content
- Loss on Ignition (LOI)
- Thermal and refractory characteristics

Quality You Can Trust, Global Supply You Can Depend On.

OUR PRODUCTS & SOLUTIONS

Premium Rice Husk Ash

Steel Melt Industries manufactures premium-quality Rice Husk Ash (RHA) designed for thermal insulation in steel plants and foundries. Our products improve heat retention, reduce energy loss, extend refractory life, and enhance operational efficiency through consistent quality and high silica content.

Key Features

- High Silica Content
- Excellent Thermal Insulation
- Consistent Chemical Composition
- Low Bulk Density
- High Refractoriness
- Strict Quality Control

Applications

- Steel Plants
- Foundries
- Tundish Covering Compound
- Refractory Industry
- Thermal Insulation
- Glass Industrial



PRODUCT RANGE

Rice Husk Ash (Powder)



A silica-rich formulation primarily used in acid refractory linings. Offers great volume stability and is a highly cost-effective solution for standard melting operations.

LCC/TCC – Magnesia Based



High in Magnesium Oxide (MgO) and Calcium Oxide (CaO), engineered to withstand aggressive basic slags. Provides superior performance and longevity in high-temperature basic

Rice Husk Ash (Granules)



This Tundish Cover provides thermal insulation for slag-free molten steel during continuous casting, while its granular structure reduces dust and material loss for efficient consumption.

Ladle Covering Compound



A low-carbon rice husk ash-based covering compound that insulates molten steel, reduces heat loss, absorbs impurities, prevents re-oxidation, and enhances metal quality.

Tundish Covering Compound



A low-carbon tundish covering compound that provides excellent thermal insulation, reduces heat loss, prevents re-oxidation, and improves steel quality during continuous casting.

CONTACT



CONTACT US

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