



Technical Silica Co.



Low Carbon Rice Hull Ash Product Data

Insulator for molten metal in the steel and foundry industries. Common uses include: steel ladle, tundish, torpedo card, iron ladle, runner trough, casting ladles, holding furnaces, transfer ladles, cupola trough.

Packaging: 5 kg or 10 kg bags, 800 lb super sacks

Property	Typical Value
Total Silica*	94-95
*Cristobalite	< 6%
*Quartz	< 0.5%
Loose Bulk Density, lb/ft³	13-18
Specific Gravity	1.9-2.2
Particle Size*	
d10, μm	30-60
d50, μm	120-180
d90, μm	250-350
Moisture Content, %	Less than 3%
pH	6.5-9.0
BET Surface Area, m²/g	30-50
Amorphous Silica	Over 90%
Carbon	Less than 5%
Metal Oxide Contaminants	Less than 3%
Melting Point	3100°F

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