

# SILICON EXIM (INDIA) PVT. LTD.

## TECHNICAL DATA SHEET OF RICE HUSK ASH

(In Flakes form)

Product : Rice Husk Ash / Biogenerous Silica  
Application : High Insulating Covering For Steel Ladles & Tundish etc.  
Color : Grey

PARTICULARS		SILICOSHIELD	SS
Physical Properties	Grain Size	> 0.5 mm	Max. 20%
		> 0.1 mm	Max. 80%
		< 0.1 – 0.063 mm	Max. 15%
		<b>&lt; 0.063 mm</b>	<b>Max. 05%</b>
	Moisture (Avg.) (at 105°C)	%	1.50 – 2.00%
	BULK DENSITY (Avg.)	Gm / Lit.	180 - 220
	<b>Product Code</b>		<b>MD1</b>
Mineralogical Composition		Amorphous Silica, <u>Tridymite</u> & <u>Cristobolite</u>	
Chemical Properties	SiO <sub>2</sub>	87 – 92%	
	Al <sub>2</sub> O <sub>3</sub>	<= 2%	
	Fe <sub>2</sub> O <sub>3</sub>	< 0.5%	
	Loss On Ignition	<= 1%	
	<u>CaO</u> , <u>MgO</u> , <u>K<sub>2</sub>O</u> , <u>Na<sub>2</sub>O</u> & <u>TiO<sub>2</sub></u>	Rest Portion	