

## SILICON INDIA

### TECHNICAL DATA SHEET OF RICE HUSK ASH

(In Pellet form)

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

| PARTICULARS                  |  | SILICOSHIELD<br>SS P |  |
|------------------------------|--|----------------------|--|
| Physical<br>Properties       | Grain Size   | > 8 mm               | Max. 05%   |
|                              |  | 8-6 mm               | Max. 25%   |
|                              |  | 6-4 mm               | Max. 55%   |
|                              |  | 4-2 mm               | Max. 25%   |
|                              |  | < 2 mm               | Max. 02%   |
|                              | Moisture (Avg.) (at 105°C)                                       | %                    | 1.50 – 2.00%                                     |
|                              | BULK DENSITY (Avg.)  | Gm / Lit.            | 550 - 600  |
| <b>Product Code</b>          |  |                      |  |
| Mineralogical<br>Composition |  |                      | Amorphous<br>Silica, Tridimite<br>& Cristobolite |
| Chemical<br>Properties       | SiO <sub>2</sub>   |                      | 86 – 90%   |
|                              | Al <sub>2</sub> O <sub>3</sub>                                   |                      | <= 2%  |
|                              | Fe <sub>2</sub> O <sub>3</sub>                                   |                      | <= 1%  |
|                              | Loss On Ignition   |                      | <= 5%  |
|                              | CaO, MgO, K <sub>2</sub> O, Na <sub>2</sub> O & TiO <sub>2</sub> |                      | Rest Portion                                     |