

GRANULATED SLAG BALL

Granulated Slag Ball (GS Ball) is a blasting abrasive made from Steel Slag Atomizing Process. It is a substitute for sand and copper Slag, which are generally used for blasting jobs. It is better in performance as compared to Copper Slag in terms of profile and roughness.

GS Ball can be reused for three times whereas copper slag cannot be reused. It is an eco-friendly blasting abrasive since it emits very less amount of dust during the process of blasting.

TECHNICAL DATA SHEET

CHEMICAL PARAMETER:

| S. No | Parameters | Value |
|-------|--------------------------------|--------|
| 1 | SiO ₂ | 12.5% |
| 2 | Al ₂ O ₃ | 5% |
| 3 | Fe ₂ O ₃ | 46.50% |
| 4 | MgO | 7% |
| 5 | CaO | 25% |
| 6 | TiO ₂ | 0.5% |
| 7 | P | 0.4% |

PHYSICAL PARAMETER:

| S. No | Parameters | Value |
|-------|----------------------|---|
| 1 | Specific Gravity | 3.35 – 3.80 |
| 2 | Hardness | 6.5 Mohs |
| 3 | Bulk Density (Loose) | 2.215 kg/lit |
| 4 | Illumination | Glassy Surface |
| 5 | Shape | Spherical |
| 6 | Moisture | 0.001% |
| 7 | Free Silica | Nil |
| 8 | Available Sizes | > 0.6 mm 0.6 to 1 mm 0.6 to 2 mm 1 to 2 mm 1 to 2.5 mm 0.6 to 5 mm 1 to 5 mm 2 to 5 mm |

ADVANTAGES:

- Over size and Undersize fractions are Max. 10% and Max. 5% respectively

- Low wear of Equipment which saves equipment maintenance cost
- Negligible dust during usage
- Turbidity tested, negligible dust level in water
- High Strength, High Durability, Low breakage which saves production cost
- Non - reactive to water, no flash rust found after 4weeks submerged in water

REFERENCE STANDARDS:

- This product has been tested on new steel (Grade A) in accordance with ISO 8502 - 3, Assessment of dust on steel surfaces prepared for painting (pressure sensitive tape method) Tests for the assessment of surface cleanliness and achieved level less than dust quantity Rating 2
- This product meets the requirement of SSPC Abrasive Standard No-1 Type -2 Class-A
- This product meets the turbidity test as per API sets limit of <250FTU

| PARTICAL REF. SIZE * | PARTICAL SIZE (MM) | EST. SURFACE PROFILE (MICRONS) | SURFACE FINISH | APPLICATIONS |
|-----------------------------|---------------------------|---------------------------------------|-----------------------|--|
| ABR 060 | 0.1 - 0.6 | 40 - 65 | SA 3 | PETROCHEMICAL, OIL & GAS |
| ABR 100 | 0.6 - 1.0 | 55 -105 | SA 2.5 | OIL & GAS, SHIP BUILDING & SHIP REPAIR |
| ABR 200 | 1.0 - 2.0 | 80 - 125 | SA 2.5 | |

AVAILABLE PACKING:

- In 25 kg Packing
- In Jumbo Bag