

# Technical Data Sheet

## Copper Slag



Note: Read and follow the Blastline Blast machine operations manual and provide proper training for all users of the device in order to achieve a safe and effective blasting operation.



### Description

Abrasive shots Copper Slag is an aggressive abrasive frequently used in new steel and steel maintenance applications. Its bulk density and angular shape give it an aggressiveness that provides clean, fast-cutting action, considerably increasing production rates

### Applications

- Sandblasting, Surface Prep
- Grinding Wheels (20/50 Medium)
- Corrosion Cleaning
- Cement Additive
- Offshore oil pipeline blasting
- Waterjet Cutting Deep Sea Structures
- Paints and Coatings
- Blast Cleaning

### Advantages

- Hardness and density gives provides high resistance to fractures.
- Low dust forming during blasting operation as well as faster blast production rates.
- Helps in restoration of heavily painted steel bridges and ships.

### Physical properties

Shape	Angular
Colour	Black
Hardness	6.0–7.0 MOH
Bulk Density	1.9 g/cm <sup>3</sup>
Specific Gravity	3.4 g/cm <sup>3</sup>

### Chemical Composition

SiO <sub>2</sub>	33 - 38%(free silica<0,1%)
FeO	51 - 58%
Al <sub>2</sub> O <sub>3</sub>	4 - 8%
CaO	2 - 10%
K <sub>2</sub> O	0 - 2%
MgO	1 - 3%
S	0.6 - 1,3%

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