



JetBlast™ Copper Slag

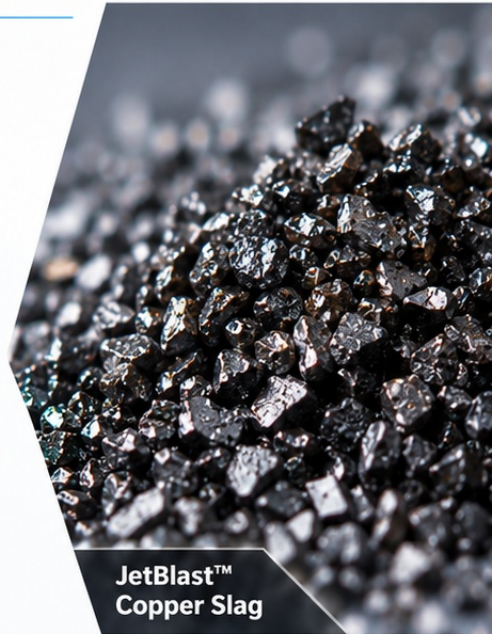


Product Description and Technical Data:

JetBlast™ Copper Slag is a by-product produced in the manufacture of copper. During the smelting and quenching process, in the copper smelter, mineral slag is converted to Iron Silicate, thus producing raw copper slag. The raw copper slag is then processed at up to 90 tonnes per hour, to produce JetBlast™. JetBlast™ is produced from 100% raw copper slag and is not mixed with recycled copper slag or tin slag. Additions of either of these two products can significantly increase levels of Radioactivity and Conductivity.

JetBlast™ is a low cost expendable material suited for open blast cleaning and due to its low silica content does not pose the health hazards created by silica sand. Its sharp, hard cutting edges provide a fast cleaning action and excellent surface profile preparation. JetBlast™ is one of the most economical expendable abrasives available for cleaning steel surfaces where recovery and reuse are not practical.

Coarse grade JetBlast™ is used predominantly in shipyards for the removal of heavy corrosion and coatings leaving a typical surface profile of up to 120 microns. Medium grade JetBlast™ is used for cleaning mill scale and medium rust removal, creating a typical surface profile of 60 to 100 microns. Fine grade JetBlast™ is used on new steel to remove mill scale and light rust resulting in a typical surface profile of 40 microns. For low-end applications, where blasting cost is a major factor, a general grade material is available.



**JetBlast™
Copper Slag**

JetBlast™ Abrasive Properties:

Shape	Sharp, Angular
Hardness (Moh Scale)	6 - 7
Bulk Density (kg/m³)	1900
Particle S.G.	3.4
Colour	Shiny Black
Size Standard	ASTM
Conductivity	< 25ms/m

Fe ₂ O ₃ %	> 45	Tin %	0.08
SiO ₂ %	> 31	Antimony %	0.07
Al ₂ O ₃ %	> 4	Chromium %	0.02
Zn %	< 1	Cobalt %	0.02
CaO %	< 7	Nickel %	0.02
Cu %	< 1	Cadmium %	0.004
MgO %	> 1.5	Arsenic	Not Detected
TiO ₂ %	< 2	Beryllium	Not Detected
Free Silica %	< 1	Trace Elements %	< 0.5
Lead %	0.1	Moisture %	< 1





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TECHNICAL DATA



JetBlast™ Available Sizes:

Grade	30/60	16/30	12/30	10/30	8/30	G. Grade
Microns	250 - 600	250 - 1180	600 - 1700	600 - 2000	600 - 2360	0 - 5000
Inch	0.009 - 0.023	0.009 - 0.046	0.023 - 0.060	0.023 - 0.078	0.023 - 0.092	0 - 0.195

JetBlast™ Packaging:

50kg Bags	2.0 Tonnes Pallet (40 Bags)
2.0 Tonnes Bulk Bag	1.5 Tonnes Pallet (30 Bags)
	1.0 Tonne Pallet (20 Bags)

JetBlast™ Ordering Information:

Stock Code	ACS-XXXX-YY-ZZ
Key	XXXX - Product Grade (e.g. 8/30, XXXX = 0830) YY - Product Weight (e.g. 2T, YY = 20) YY - 00 when packing in Bulk or Loose Bags ZZ - Packing AO for Bulk BA for Loose Bags CP for Bulk Bag CX for Jungle Box DA for Shrink Wrap