

AIRBLAST-ABRASIVES

Copper Slag / Iron Silicate



AIRBLAST



Product and Applications

Copper slag, also known as iron silicate, is a dispensable abrasive which is a by-product from metal melting processes. The material is used for blast cleaning steel, stone and concrete surfaces for the removal of mill scale, rust, old paint etc.

Chemical composition

SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaO	K ₂ O
25-35%	2-9%	45-65%	0-2%	0-1%

MgO	TiO ₂	Na ₂ O	Others
0-1%	0-1%	0-2%	Traces only

Physical properties

Shape	:	sharp and angular
Grain density	:	3.5 kg/dm ³
Bulk density	:	1.8 kg/dm ³
Hardness	:	7 Mohs
Conductivity	:	less than 250 µS/cm
Water soluble chlorides	:	less than 0.0025% (m/m)

Sizes

0.1 - 0.4 mm	0.5 - 1.6 mm
0.1 - 0.6 mm	0.2 - 2.5 mm
0.2 - 1.0 mm	0.5 - 2.5 mm
0.2 - 1.5mm	

Packaging

- 25 kg paper bags on EURO-pallet
- In big bags
- in bulk