

## BASIC CHEMICAL AND PHYSICAL PROPERTIES OF COPPER SLAG ABRASIVE „KOMANT“

### Chemical composition (%):

SiO <sub>2</sub>	CaO	Al <sub>2</sub> O <sub>3</sub>	MgO	FeO
30 ÷ 41	24,2÷26,5	11,5÷12,6	6,07÷10,4	4,6÷9,02
K	Cu	Zn	Na	
2,61÷3,9	0,9÷1,12	0,3÷0,88	0,4÷0,53	

**Hardness** : 6 ÷ 7° Moh's skale

**Silicon contents** : < 1% (BIA NR 405222096) (max)

**Electric Conductivity** : 25 mS/m (max)

**Chloride contents** : 0,0022% m/m (max)

**Moisture contents** : < 0,2 % (max)

**Bulk density** : ~ 1,7 Mg/m<sup>3</sup>

**Form** : irregular, sharp-edge

**Manufactured gravitates:**

a) 0,2 ÷ 0,8 mm

b) 0,4 ÷ 1,4 mm

c) 0,4 ÷ 3,2 mm

d) 1,4 ÷ 3,2 mm

e) 3,2 ÷ 5,0 mm

f) or others required by the buyers

**Average wear**: 18 ÷ 34 kg/m<sup>2</sup>, it is determined by air pressure, nozzle size, impingement angle, hardness of object, nature of impurities on surface to be cleaned.