



Pishgam sayandeh pars

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# Technical Data Sheet

## Info

**Product : Glassy Copper Slag**

**Company : Pishgam Sayandeh pars**

## 1. Technical Data Sheet

Glassy-phase copper slag is a high-density, low-dust abrasive material derived from copper smelting by-products. It is widely used in surface preparation, grit blasting, and other abrasive applications due to its hardness, chemical stability, and consistent particle size.

## 2. Chemical Composition (wt%)



Oxide	Weight %	Oxide	Weight %
SiO	32.34	Al <sub>2</sub> O <sub>3</sub>	5.36
MgO	1.02	Na <sub>2</sub> O	0.71
TiO	0.39	CaO	0.82
K <sub>2</sub> O	1.12	SO <sub>3</sub>	0.39

Fe <sub>2</sub> O <sub>3</sub>	55.74	CuO	0.74
ZnO	1.16	MoO <sub>3</sub>	0.21
L.O.I	0.0	-	-

### 3. Physical and Chemical Result

Oxide	Weight %	Oxide	Weight %
SiO	32.34	Al <sub>2</sub> O <sub>3</sub>	5.36
MgO	1.02	Na <sub>2</sub> O	0.71
TiO	0.39	CaO	0.82
K <sub>2</sub> O	1.12	SO <sub>3</sub>	0.39
Fe <sub>2</sub> O <sub>3</sub>	55.74	CuO	0.74
ZnO	1.16	MoO <sub>3</sub>	0.21
L.O.I	0.0	-	-

## **4. Appearance**

Dark gray to black, glassy, angular particles with very low dust generation.

## **5. Appearance**

- Surface preparation before painting or coating
- Abrasive blasting in shipyards and construction
- Water jet cutting abrasive
- Concrete and asphalt milling

## **6. Appearance**

- Jumbo bags (2 metric tons), laminated with 4 loops for easy handling
- Other packaging options available upon request

## **7. Appearance**

Dark gray to black, glassy, angular particles with very low dust generation.

## **8. Certificate & Quality Control**

- ISO 9001 Certified
- SGS Tested and Certified
- Complies with industry standards for abrasive blasting

## **9. Manufacturer Information**

Pishgam Sayandeh Pars Co.

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