

ZHENGZHOU HAIXU ABRASIVES CO,LTD
MP/WECHAT/WHATSAPP:+8615838373120
EMAIL:SALES@ZZHAIXU.CN
<https://chromitesands.com/>

TECHNICAL DATA SHEET

PRODUCT:CHROME FLOUR

Chrome flour,also known as iron chromite, chromite powder and chromite flour, is an inorganic compound that is used as a pigment and as a vital component in some of the highest performing refractory materials. Its chemical composition is Cr₂O₃.

<u>PHYSICAL PROPERTIES(TYPICAL)</u>		<u>AVERAGE CHEMICAL COMPOSITION(TYPICAL)</u>	
PH	7-9	Cr ₂ O ₃	≥46.0%
Color	Black	SiO ₂	≤1.0%
Acid Amount	≤2ml	Fe ₂ O ₃	≤26.5%
Soil%	≤0.1	CaO	≤0.30%
Bulk Density	2.5-3.0g/cm ³	MgO	≤10.0%
Specific Gravity	4.0-4.8g/cm ³	Al ₂ O ₃	≤15.5%
Moisture	≤0.1%	P	≤0.003%
Sintered temperature	≥1800°C	S	≤0.003%
Free Acid	0	Cr/Fe	1.55:1
Filling density	2.6g/cm ³		
Melting temperature	≥2180°C		

PROPERTIES OF CHROME FLOUR:

- Stable at high temperatures
- Thermal-shock resistant
- Resistant to corrosive glasses and slags
- High heat resistance

MAIN APPLICATIONS

- 1.Glass pigment
- 2.Refractory bricks and refractory cement
- 3.Chrome magnesite refractory bricks and cement
- 4.As a pigment for standard bricks, pavings, roof tiles and coatings
- 5.Ceramics
- 6.Greensand castings
- 7.Stainless steel production
- 8.Sharpen objects

AVAILABLE PRODUCTION SIZES

200mesh 325mesh 400mesh 500mesh 600mesh 800mesh 1000mesh 1200mesh 1500mesh 2000mesh 2500mesh

PACKAGING:1MT big bag