

ZHENGZHOU HAIXU ABRASIVES CO.,LTD 海旭磨料

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TECHNICAL DATA SHEET

PRODUCT:CHROMITE SAND

Size:200# 325# 400# 500# 600# 800# 1000# 1200# 1500# 2000# 2500#

Chromite sand is a special sand for casting. It is a natural spinel mainly composed of chromite. It is crushed, washed, dried, and sieved into a specified particle size. It is suitable for molding (core making) sand. Chromite ore powder is ground into powders of different particle sizes by a grinder and is used in ceramics, coatings, glass industries, etc.

PHYSICAL PROPERTIES

PH	7-9
Color	Black
Acid Amount	≤2ml
Soil%	≤0.1%
Bulk Density	2.5-3.0g/cm ³
Specific Gravity	4.0-4.8g/cm ³
Moisture	≤0.1%
Sintered temperature	≥1800°C
Free Acid	0
Filling density	2.6g/cm ³
Melting temperature	≥2180°C

AVERAGE CHEMICAL COMPOSITION

Cr ₂ O ₃	≥44.0%
SiO ₂	≤2.0%
Fe ₂ O ₃	≤26.5%
CaO	≤0.30%
MgO	≤10.0%
Al ₂ O ₃	≤15.5%
P	≤0.003%
S	≤0.003%
Cr/Fe	1.55:1

PARTICAL SIZE PASSING RATE

Size	Guaranteed value	Measured value
200# 325# 400# 500# 600# 800# 1000# 1200# 1500# 2000# 2500#	≥90%	95-100%

MAIN USAGES:

Casting coatings, casting surfaces, castings, steel castings, drainage sand, magnesia-chrome bricks, ceramics, glass, chemicals, chromium oxide green, pigments, colorants, glazes, refractory materials, refractory cement, etc.

PACKAGING: Bulk ton packages