

# South African Chrome Ore

South African chrome ore is a mineral aggregate containing chromium oxides, typically chromite, and is a valuable resource for producing stainless steel and other alloys. It is characterized by its dark color, metallic luster, high density and is essential in various industrial applications due to chromium's resistance to corrosion and high-temperature strength.



## Product Overview

### South African Chrome Ore

This high-quality South African chrome ore is a primary mineral resource essential for the production of stainless steel and industrial alloys. Characterized by its dark metallic luster and high density, the ore provides critical resistance to corrosion and superior high-temperature strength. It is an ideal feedstock for metallurgical applications requiring reliable chromium content and consistent mineral composition.

## Chemical Composition

### Chromium Oxide (Cr<sub>2</sub>O<sub>3</sub>)

**38 %**  
Cr<sub>2</sub>O<sub>3</sub>

### Chemical Analysis

Component	Specification
SiO <sub>2</sub>	15% Max
Al <sub>2</sub> O <sub>3</sub>	17% Max
MgO	12% Max
Cr/Fe Ratio	1.55 Min

## Physical Properties

Granular Size	10-90mm (80% yield)
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