



DAMENG

The Exploitation and Utilization of Manganese Oxide Ore

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First, the background and meaning of exploitation

- ▶ 1, the manganese oxide is more widely distributed, and the reserve is not little
- ▶ 1-1, internal
- ▶ 1-2, external (Gabon and South Africa)
- ▶ 2, the exploitation and utilization of manganese oxide can relieve the contradictions of the deficient supply of internal rich manganese ore



Second, the selection method of manganese oxide ore

- ▶ 1, ingredients produce the alloy
- ▶ 2, blast-furnace smelts the rich manganese grains or high carbon ferromanganese
- ▶ 3, electric furnace smelts the rich manganese grains or high carbon ferromanganese
- ▶ 4, chemical acid leaching
- ▶ 5, magnetizing calcination



Third, the comprehensive utilization of manganese oxide ore

- ▶ 1, producing the manganese alloy, effectively recycle the steel when produce the rich manganese
- ▶ 2, produce EMM and electrolytic manganese dioxide , and efectively separate the iron



END
Thank You

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