Graphite

Metals

A crystalline form of carbon, mined as flake or amorphous ore and processed into battery anodes, refractories and lubricants.

Key facts

World production, 2025
1.8 million tonnes

Top producer
China, 78%

Top exporter, natural graphite (HS 2504), 2024
China, 42% of export value

HS code
2504 Natural graphite

USGS MCS item
Mine production Mine production

Also called
natural graphite, flake graphite, anode material, spherical graphite

Top producers, 2025

Country	Tonnes	Share
China	1.4 million	78%
Madagascar	80,000	4.4%
Tanzania	75,000	4.2%
Brazil	65,000	3.6%
Mozambique	60,000	3.3%

USGS Mineral Commodity Summaries, MCS 2026.

Top exporters, 2024

Country	Export value	Share
China	227.8 million USD	42%
Madagascar	53.7 million USD	10%
Mozambique	44 million USD	8.2%
Germany	37.6 million USD	7%
Brazil	23.1 million USD	4.3%

CEPII BACI international trade database (HS22, V202601).

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