



## Natural graphite

C

Miskolci Egyetem		Műszaki föld- és környezettudományi Kar				TEKH szakkollégium	
Date	2024-02-18			Author	Leskóné Majoros L	CRM	Graphite
Polyatomic nonmetal				Atomic number	12		
More...	Badawi et al 2024						
Critical list in EU since		2011	natural graphite				
Main applications		Refractory material, Steel making (32%), batteries (25%) and lubricants (13%).					
More:::		Nitta et al 2015					
World resource countries		China	Brasilia	Mozambique	Total (M tonnes ore)	320	
More:		<a href="https://pubs.usgs.gov/periodicals/mcs2022/mcs2022-graphite.pdf">https://pubs.usgs.gov/periodicals/mcs2022/mcs2022-graphite.pdf</a>					
European reserves		Sweden	Finland	Norway	EU total (M tonnes )	97	
More:							
Main global producers		China	Mozambique	Madagascar	Total (M tonnes)	1	
More:		<a href="https://pubs.usgs.gov/periodicals/mcs2022/mcs2022-graphite.pdf">https://pubs.usgs.gov/periodicals/mcs2022/mcs2022-graphite.pdf</a>					
Main European producers		Sweden	Ukraine	Norway	EU total (M tonnes)	0.031	
More:		<a href="https://screen.eu/w/">https://screen.eu/w/</a> <a href="http://www.screen.eu">www.screen.eu</a> European mine production metal, tonne NA					
Geological environments in		Scandinavia: graphite schist metasediments, granulite metamorphism					
More:		Gautneb et al 2000					
Main ore forming minerals							
More:							
Marketable product		Different industrial types: amorphous, flake and lump or vein graphite					
More:		<a href="https://www.ceylongraphite.com/posts/types-of-commercial-graphite-and-t/">https://www.ceylongraphite.com/posts/types-of-commercial-graphite-and-t/</a>					
European developments							
More:		<a href="https://kritikuselemek.uni-miskolc.hu/files/files/CriticEl_1_Monogr%C3%A1fia_k%C3%B">https://kritikuselemek.uni-miskolc.hu/files/files/CriticEl_1_Monogr%C3%A1fia_k%C3%B</a>					
Hungarian occurrence		3622	3752				
More:		Leskóné Majoros et al 2022					
Further details		<a href="https://www.deutsche-rohstoffagentur.de/DERA/DE/Downloads/Studie%20Graphite%20eng%2020">https://www.deutsche-rohstoffagentur.de/DERA/DE/Downloads/Studie%20Graphite%20eng%2020</a>					
Refreshed at		Refreshed by					

RÉSZLETES ADATOKÉRT LOGIN