

MagnaChem 50

MagnaChem 50 is a magnetite powder manufactured from the natural iron oxide magnetite.

Specified / Controlled Properties

Chemistry

	min	max
Iron, Fe (%)	71.0	
Particle density (ton/m ³)	5.1	
Moisture (%)		0.3

PSD mm (Passing by volume)

	min %	max %
0.250	97	100
0.125	65	88
0.063	28	54
0.045	17	42
0.020	6	21

Non-specified Properties / Supplementary Information

Chemical analysis

	% by weight
Fe	71.5
Si	0.05

Trace elements

	ppm
As	0.6
Cd	0.07
Cr	9
Cu	3
Ni	154

Physical Properties

Particle density (t/m ³)	5.2
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Standard methods

Chemical analysis XRF: ISO 9516
Particle size Distribution: ISO 13320-1
Particle density: Internal method
Moisture: ISO 3087
Trace elements: ICP-SFMS, ICP-AES

The chemical and physical data are expected average figures and is given in good faith but without guarantee. All chemical analyses are in the dry state. The only warranty LKAB Minerals makes is the express written warranty extended on the sale of its products. MagnaChem 50, 09-08EN, 23-06.

We are leading the transformation of our industry toward a sustainable future.

LKAB Minerals, the international industrial minerals division of LKAB, develops and delivers circular, critical and climate-efficient mineral products. LKAB Minerals has sales representation, offices, production units and deposits in 12 countries in Europe, Asia and the US and employs around 400 people.

LKAB Minerals is part of the Swedish company LKAB, one of the world's leading producers of highly upgraded iron ore products and a major supplier of mineral products for other industrial sectors.

Read more about LKAB Minerals at www.lkabminerals.com



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