

# MagnaDense 8s

MagnaDense products are manufactured from natural iron oxide.

## Specified / Controlled Properties

### Chemistry

	min	max
Iron, Fe (%)	63.5	
Particle density (ton/m <sup>3</sup> )	4.7	
Moisture (%)		3

### PSD mm (Passing by weight)

	min %	max %
12.5	100	100
8.0	98	100
6.3	85	99
5.6	78	99
4.0	63	90
2.0	37	71
1.0	23	55
0.50	16	42
0.25	9	31
0.125	6	22
0.063	0	13

## Non-specified Properties / Supplementary Information

### Chemical analysis

	% by weight
Fe	65.1
SiO <sub>2</sub>	4
Al <sub>2</sub> O <sub>3</sub>	0.7
CaO	2.5
K <sub>2</sub> O	0.2
Na <sub>2</sub> O	0.3
P	0.6
S	0.06

### Physical Properties

Particle density (t/m <sup>3</sup> )	4.8
Moisture (%)	2

### Standard methods

Chemical analysis XRF: ISO 9516
Particle size Distribution: EN 933-1
Particle density: EN 1097-6
Moisture: ISO 3087

*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. MagnaDense 8s, 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](http://www.lkabminerals.com)



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