

# Calcined Hard Ferrite Powder\*

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## 1 Introduction

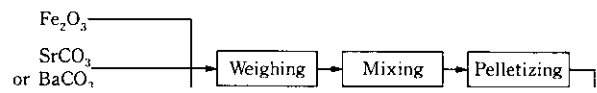


Table 1 Properties of hematite

Components								Powder properties	
Fe <sub>2</sub> O <sub>3</sub> (%)	Cl (%)	SO <sub>4</sub> (%)	SiO <sub>2</sub> (ppm)	Mn (ppm)	Ca (ppm)	Na (ppm)	K (ppm)	Mean dia. (μm)	Compressed density (g/cm <sup>3</sup> )

Table 2 Properties of KF-SR and KF-DA

Brand	Properties of magnet			Sh-D (%)	Br (kG)	B <sub>r</sub> H <sub>c</sub> (kOe)	J <sub>Hc</sub> (kOe)	(BH) <sub>max</sub> (MGOe)
①KF-SR		Standard		13.4	4.3	3.3	3.4	4.3

Calcined Powder

Weight

Mixing

Order

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