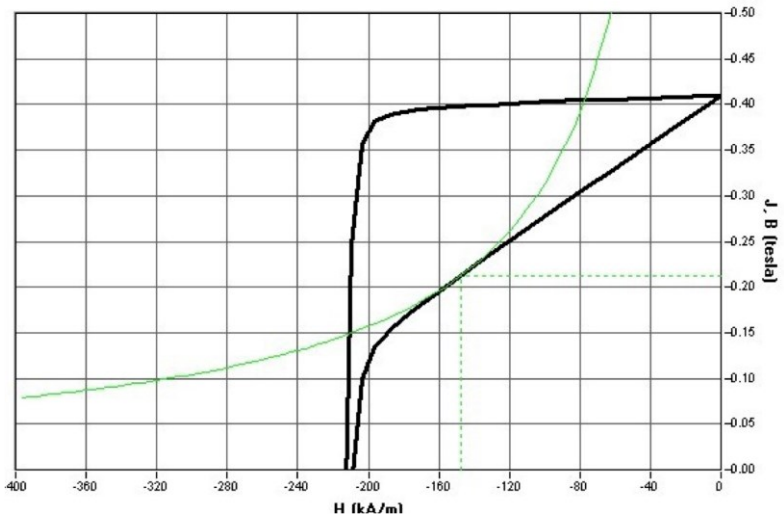
BestMagnet

Material Data - Magnetic Properties



Ferrite Anisotropic

Grade: F 35

Test Temperature: 24 °C

Type of measure: 2nd quadrant

Br: 0,4-0,41 T

HcB: > 208 kA/m

Hcj: > 234 kA/m

BHmax: 31-32 KJ/m3

Max. working temperature 300°C
Operating temperature depends on the magnet dimension and the specific application.

Physical Properties

Density	*(kg/m^3)*	*4.9 x 10^3*
Bending Strength	*(kg/m^2)*	*1.40 x 10^3*
Compressive Strength	*(kg/m^2)*	*9.1 x 10^3*
Vickers Hardness (Hv)	*(Hv)*	*560-600*
Electrical Resistivity	*(Ωm)*	*1 x 10 ^{8}*
Thermal Expansion Coefficient Parallel to M	*//M*	*7.9 x 10^{-6}*
Thermal Expansion Coefficient Perpendicular to M	*M*	*1.4 x 10^{56}*
Curie Temperature	*(°C)*	*450*

All values indicated were determined on standard samples. Depending on the shape and dimensions there could occur deviations.

The product conforms to the European RoHS Community legislation (2002/95/EG - RoHS - Restriction of Hazardous Substances) relating to the use and the employment of certain hazardous substances in electrical and electronic devices. No subject to registration under the REACH Regulation.

Read the Safety Warnings before handling the magnets.

Best Magnet is a Vega Technik GmbH product division.
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