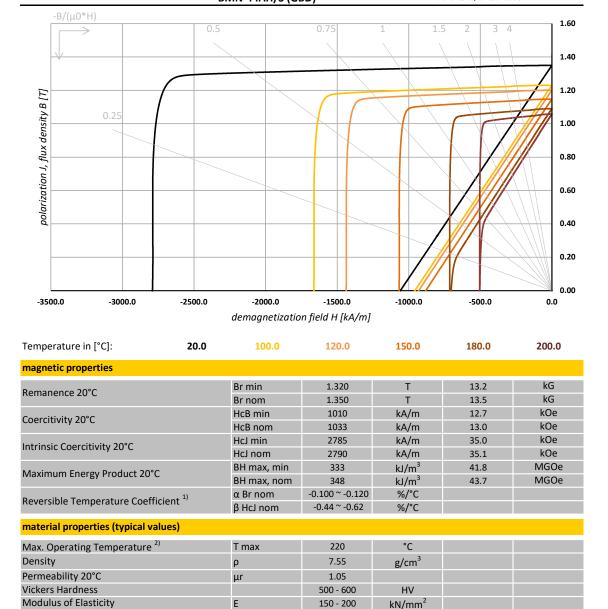


NdFeB sintered, corrosion stable



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pel

Note:

Copressive Strength

Expansion Coefficient

Specific Heat Capacity

Thermal Conductivity

Specific Electric Resistance

Expansion Coefficient in direction of

Flexural Strength

anisotropy

The above plotted graphs are idealized and represent theoretical values of the material. Shown are curves according nominal values based on uncoated material samples according to IEC 60404-5. Material and magnetic data represent typical data that may vary due to product shape, size and coating. Please contact Bomatec regarding specific requirements for your application.

1000 - 1100

250

-3 - 0

4 - 9

1.2 - 1.6

440

8.0 - 10.0

N/mm²

N/mm²

10⁻⁶/K

10⁻⁶/K

10⁻⁶/K

μΩ·m

 $J/(kg^{\cdot}K)$

W/m'K

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¹⁾ The shown temperature coefficients are nominal reference values only. They can vary for different temperatures and don't need to be linear.

²⁾ The maximum operating temperature is depending on the magnet shape, size and on the specific application.