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Note:

anisotropy

Expansion Coefficient in direction of

Specific Electric Resistance

**Specific Heat Capacity** 

Thermal Conductivity

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.

-3 - 0

4 - 9

1.2 - 1.6

440

8.0 - 10.0

10<sup>-6</sup>/K

10<sup>-6</sup>/K

 $\mu\Omega$ m

J/(kg·K)

W/m<sup>-</sup>K

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

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