



## Magnetic features

	Residual induction (Br)	Coercive force (Hcb)	Intrinsic coercive force (Hcj)	Maximum energy product (BH) max	Max.work temperature Temperature Curie (TC)	Density	Vickers hardness	Resistivity	Hot coefficient of expansion
Code	T (KGs)	KA/m (KOe)	KA/m (KOe)	KJ/m <sup>3</sup> (MGOe)	°C	G/cm <sup>3</sup>	MPa	Ω cm	(10-6/°C)
<b>Saomag SM-28L</b>	1.02 - 1.08 (10.2 - 10.8)	398 - 478 (5.0 - 6.5)	438 - 557 (5.5 - 7.0)	207 - 220 (26 - 28)	250 (800)	8.4	550-600	8-9x10-5	10
<b>Saomag SM-30L</b>	1.08 - 1.15 (10.8 - 11.5)	398 - 478 (5.0 - 6.5)	438 - 557 (5.5 - 7.0)	220 - 240 (28 - 30)	250 (800)	8.4	550-600	8-9x10-5	10

Remark:

- The above mentioned data of magnetic parameters and physical properties are given at room temperature (20°C± 3°C)
- The maximum working temperature of magnet is changeable due to the ratio length and diameter, coating and environmental factors.