

Bonded SmCo (injection)
Delivery Programme

Material	Remanence		Coercitivity				Energy Product	
	Br		bHc		iHc		(BH)max	
	mT	G	kA/m	Oe	kA/m	Oe	kJ/m ³	MGOe
SCI - 3	300 - 400	3000 - 4000	199 - 279	2500 - 3500	716 - 1194	9000 - 15000	20 - 28	2,5 - 3,5
SCI - 5	350 - 550	3500 - 5500	247 - 358	3100 - 4500	716 - 1194	9000 - 15000	32 - 52	4,0 - 6,5
SCI - 8	550 - 680	5500 - 6800	334 - 462	4200 - 5800	716 - 1194	9000 - 15000	48 - 64	6,0 - 8,0

Physical Properties:

Reversible Permeability:

μ_r 1,05 - 1,1

Reversible TC of Br:

$\Delta B_d/B_d$ -0,04%/°C

Density:

3,0 - 6,0 g/cm³

max. Workingtemperature:

Curie-Temperature:

CH/31.08.06/e