



EarthMag GmbH  
Permanent Magnets  
Magnetisiers - Measuring Equipment

## SmCo Magnets

### Magnetic characteristics at room temperature

#### sintered SmCo

Grade	Remanence Br mT nom.	Coercive force		Energy product		Working temperature °C max.	Alloy	
		bHc	kA/m nom.	jHc	Bh (max) kJ/m <sup>3</sup> nom			MGOe nom
SmCo16	830	640		1430	128	16	250	
SmCo18	880	680		1430	144	18	250	
SmCo20	920	700		1430	160	20	250	1 : 5
SmCo22	940	730		1450	176	22	250	
SmCo24	980	750		1450	192	24	250	
SmCo24L	980	730		1450	192	24	300	
SmCo26	1030	760		1450	208	26	300	
SmCo28	1050	780		1450	224	28	300	
SmCo30	1100	810		1450	240	30	300	
SmCo26M	1030	760		1100	208	26	300	
SmCo28M	1050	780		1100	224	28	300	
SmCo30M	1100	810		1100	240	30	300	2 : 17
SmCo28L	1050	550		700	224	28	250	
SmCo30L	1100	550		700	240	30	250	
SmCo24H	1000	720		2000	192	24	250	
SmCo26H	1030	760		2000	208	26	250	
SmCo28H	1050	770		2000	224	28	250	
SmCo30H	1080	810		2000	240	30	250	

The given data are indications only. Guaranteed characteristics are to be agreed and confirmed in writing.

EarthMag GmbH  
Auf den Scheffeln 37  
D-44894 Bochum

Fon +49 234 91387-0  
Fax +49 234 91387-11  
eMail info@earthmag.de

Stand: January 2010