



TRIDELTA Hartferrite GmbH

Ein Unternehmen der TRIDELTA Gruppe

Maniperm® Grades							
characteristics	unit	881	882	884	885	864	886
		Equivalent material according DIN EN 10332					
		30/26	31/27	30/33	34/29	29/35	36/32
B _R	mT	400	410	400	420	395	440
H _{CB}	kA/m	285	290	290	270	290	300
H _{CJ}	kA/m	300	300	330	290	355	320
(BH) _{max}	kJ/m ³	31	32	31	34	29	36
Permanent permeability μ _p		1,03					
Density	g/cm ³	4,8	4,8	4,8	4,9	4,8	4,9
Curie temperatur	°C	450					
TC of B _R	%/K	-0,2					-0,2 ... -0,18
TC of H _{CJ}	%/K	0,3					0,16 ... 0,3
TC of linear expansion							
preferred direction	10 ⁻⁶ /K	15					
⊥ preferred direction	10 ⁻⁶ /K	9					
Magnetising field strength	kA/m	1.000	1.000	1.100	1.000	1.200	1100
Resistivity	Ωm	>10 ⁴					
E-Modul		150					
	kN/m ²						
Tensile strength		50					
	N/mm ²						
Compressive strength	N/mm ²	500					
Mohs hardness		6 – 7					
Calorific conductivity	W/mK	5 – 10					