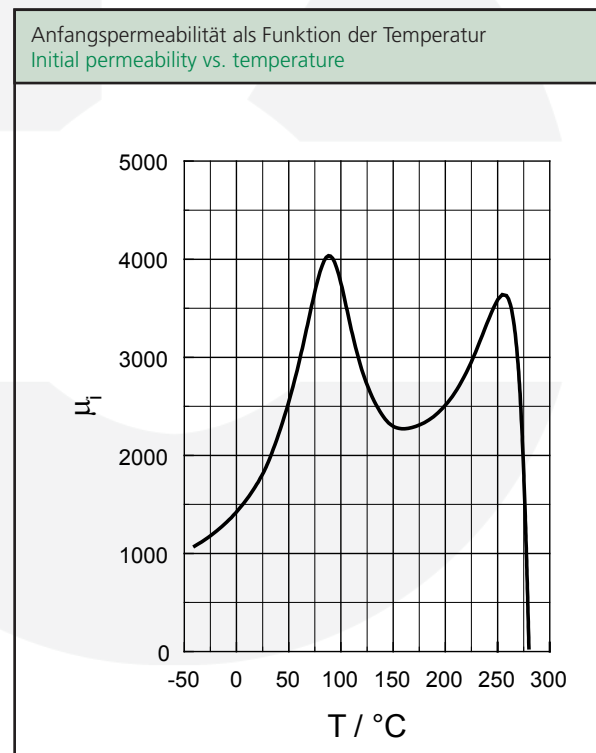
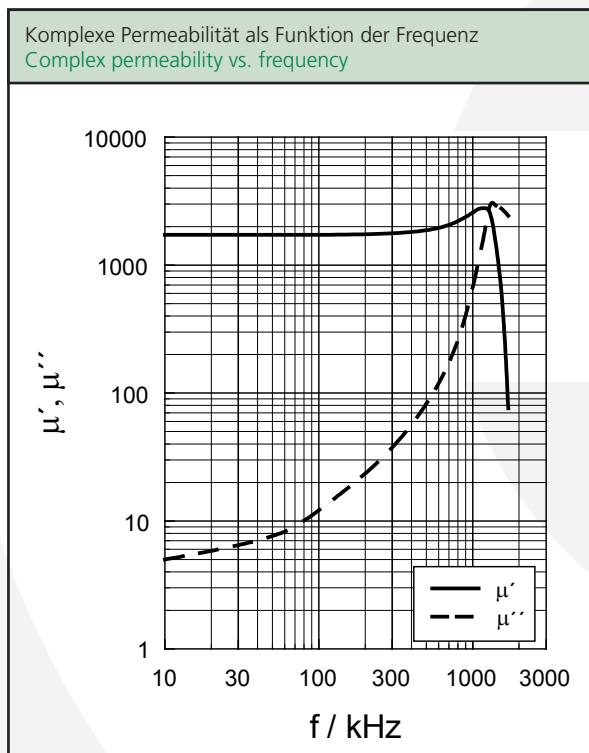


	Symbol / symbol	Wert / value	Einheit / unit
Anfangspermeabilität / initial permeability	μ_i	1700 \pm 25%	-
Flussdichte / flux density	B_{max}	540	mT
bei Feldstärke / at field strength	H_{max}	1200	A/m
Remanenz / remanence	B_r	\geq 250	mT
Koerzitivfeldstärke / coercive force	H_c	\leq 20	A/m
Curie-Temperatur / Curie temperature	T_c	\geq 270	$^{\circ}$ C
Bez. Temperaturbeiwert / rel. temperature coefficient	α_F		$10^{-6}/K$
bei / at -25 $^{\circ}$ C ... +25 $^{\circ}$ C		\approx 6	
+25 $^{\circ}$ C ... +70 $^{\circ}$ C		\approx 6	
Spez. Verlustleistung (typische Werte) spec. power losses (typical values)	P_v		mW/cm ³
bei / at 50kHz, 200mT, 100 $^{\circ}$ C		150	
100kHz, 200mT, 100 $^{\circ}$ C		380	
300kHz, 100mT, 100 $^{\circ}$ C		370	
Gleichstromwiderstand / resistivity	ρ	\geq 1	Ω m
Sintererdichte / sintered density	γ	\approx 4,90	g/cm ³

Die Werkstoffdaten sind als Richtwerte aufgeführt, die an Ringkernen R 30/18/12 ermittelt wurden. Sie können nicht uneingeschränkt auf beliebige Abmessungen und Kernformen übertragen werden. Die Messverfahren wurden in enger Anlehnung an die IEC 60401 festgelegt.

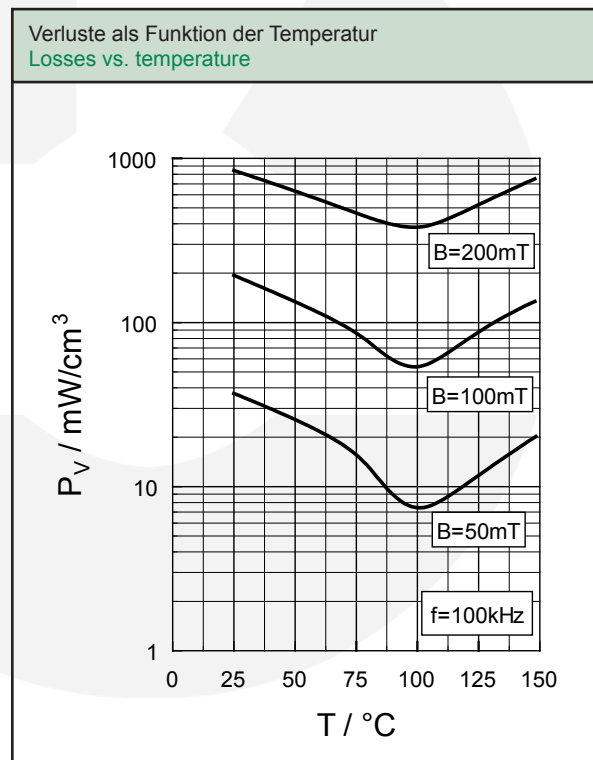
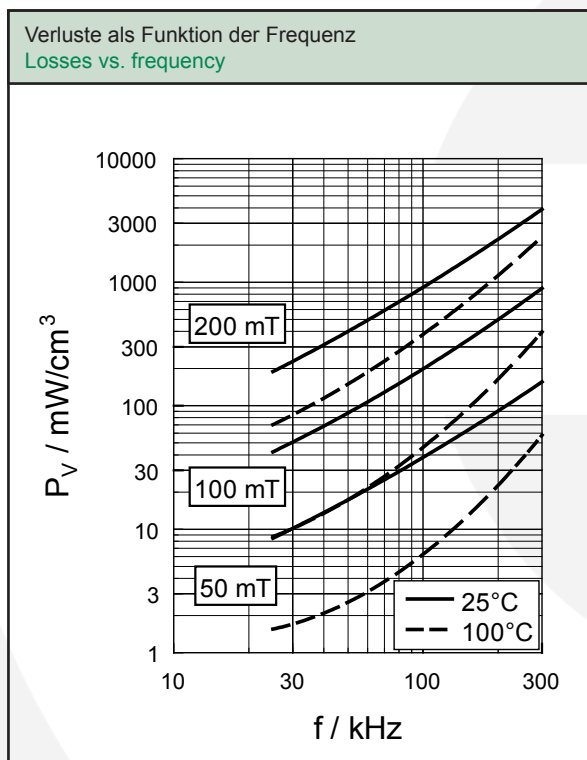
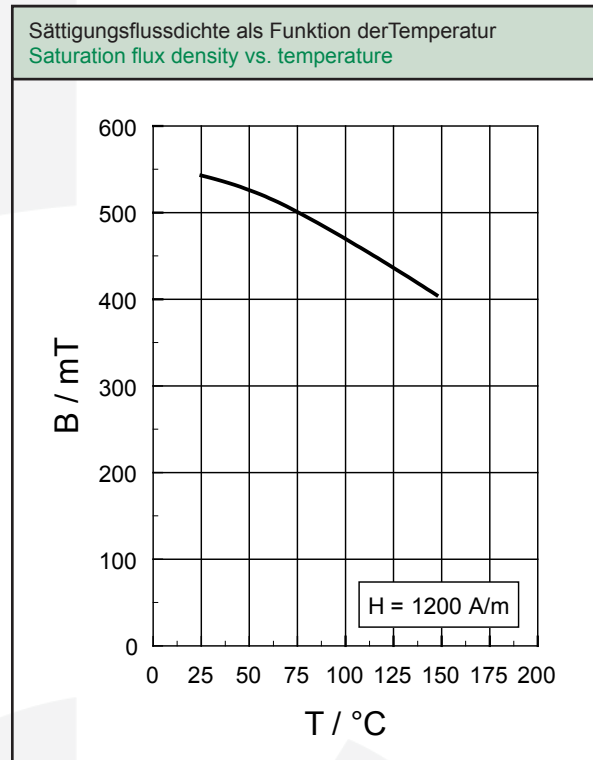
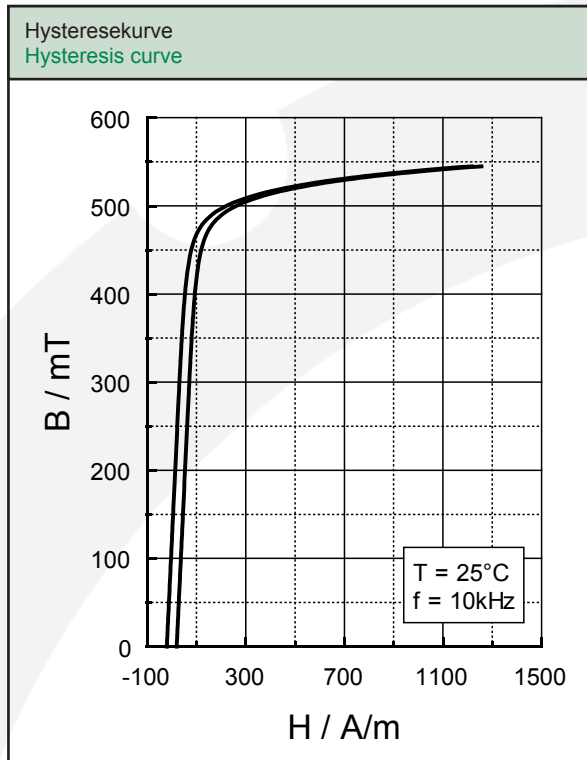
The material data are typical values which were measured on ring cores R 30/18/12. These values cannot be universally applied to any dimensions and core shapes. The test methods were closely adapted to IEC 60401.



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