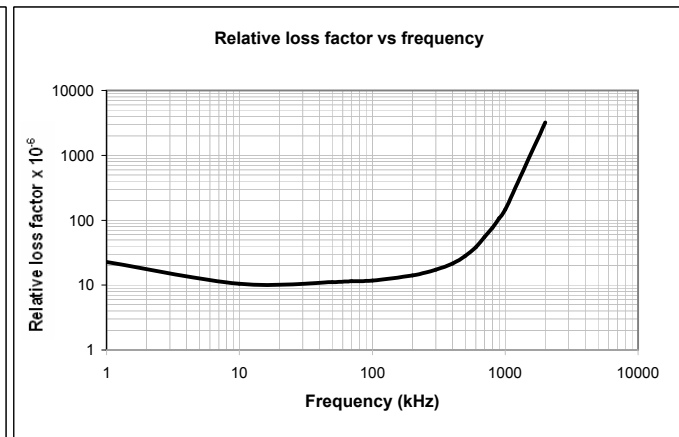
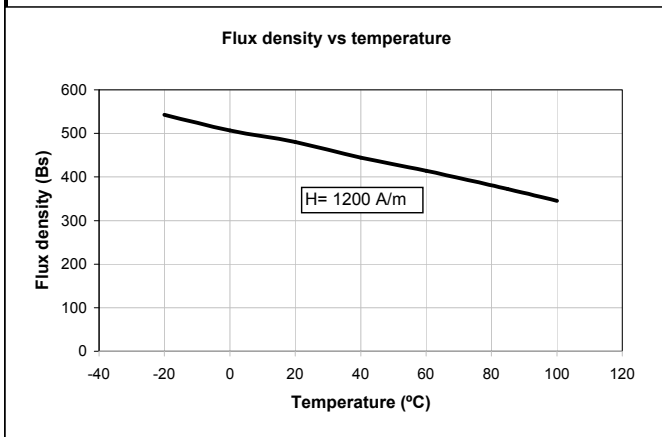
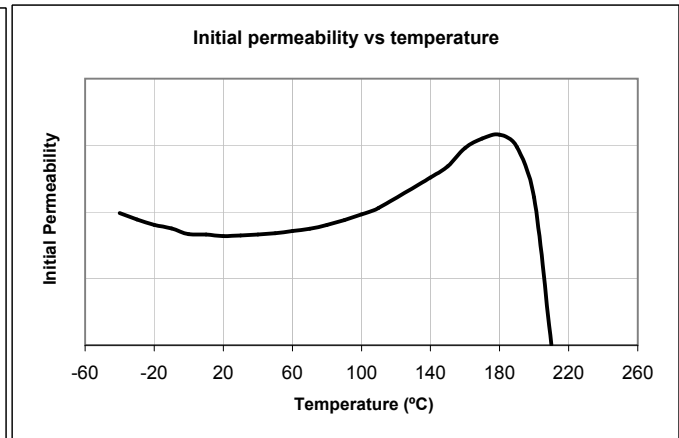
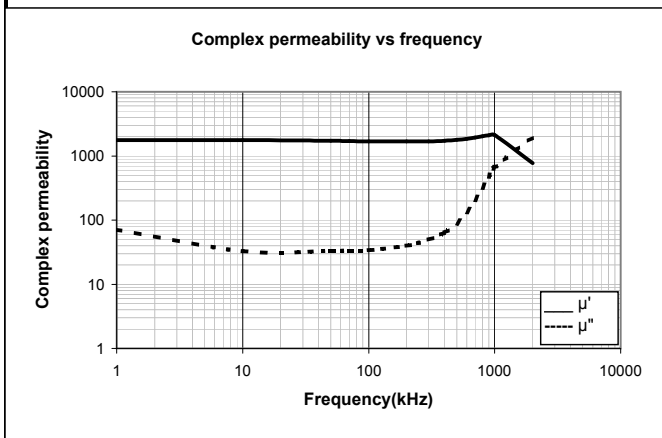


HT-020 : RFID antenna grade

Properties	Symbol	Unit	Test condition	Values
Initial permeability ($\pm 25\%$)	μ_i		0.1mT, 25°C	2000
Flux density (min)	B_s	mT	1200A/m, 25°C	470
			1200A/m, 100°C	330
Relative loss factor $\tan\delta/\mu_i$ (max)	$\tan\delta/\mu_i$	10^{-6}	0.25mT, 10kHz & 25°C	6
			0.25mT, 100kHz & 25°C	10
Coercive Field (max)	H_c	A/m	10kHz, 25°C	14
Hysteris material Coefficient (max)	η_B	$10^{-6}/mT$	25°C	2
Curie Temperature (min)	T_c	°C		190
Density (min)	d	kg/m^3	25°C	4850
Temperature Coeff. of permeability (max)	α_F	$10^{-6}/K$	-40 to 80°C	± 0.4
Resisitivity (min)	ρ	Ωm	25°C	1



All measurements made on Toroid OD= 30mm, ID=20mm Ht=10mm.