



Garnets

Product	Saturation Magnetization $4\pi M_S$ (gauss)	Dielectric Constant ϵ'	Loss Tangent $\tan\delta_\epsilon$ ($\times 10^{-4}$)	Resonance Linewidth ΔH @3dB (oe)	Curie Temperature T_C ($^\circ\text{C}$)	Coercive Force H_C (oe)	Remanent Induction B_r (gauss)
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Special Manganese Doped Garnet Materials for Latching and Phase Shifter Applications Gadolinium and Aluminum Substituted Yttrium Iron Garnet

39-1201MH	1100	14.5	≤ 1	45	240	≤ 0.8	850
39-1202MH	1100	14.5	≤ 1	60	240	≤ 0.8	850
39-1000MH	1000	14.5	≤ 1	50	240	≤ 1.0	700
39-800MH	800	14.2	≤ 1	80	225	≤ 1.1	600
39-580MH	580	14.8	≤ 1	140	190	≤ 1.2	365
39-540MH	540	14.2	≤ 1	85	180	≤ 1.0	380
39-430MH	430	13.8	≤ 2.5	55	160	≤ 1.0	290