Material Type	Material Compo-sition	Saturation Magnetization		Curie Temp.	Dielectric Constant	Dielectric Loss Tangent	Resonance Line Width		Spinwave Line Width		Lande Factor
RG LL		$4\pi M_s$	M_s	T_c	ε'	$\tan\delta$	ΔH_{-3dB}		ΔH_k		g_{eff}
		±5%		±5%	±5%	[10^{-4}]	+20% / -30%		±15%		±5%
		[Gauss]	[kA/m]	[°C]			[Oe]	[kA/m]	[Oe]	[kA/m]	
RG30	Y-Al-In	380	30.4	100	13.5	≤ 2	15	1.19	1.4	0.12	2.01
RG3	Y-Al-In	490	39.8	120	14.1	≤ 2	15	1.19	1.4	0.12	2.02
RG18	Y-Al-In	800	63.7	145	14.3	≤ 2	15	1.19	1.4	0.12	2.01
RG4	Y-Al-In	1000	80.0	140	14.3	≤ 2	15	1.19	1.3	0.11	2.01
RG6	Y-Al-In	1340	107.0	170	14.3	≤ 2	19	1.51	1.2	0.10	2.01
RG12	Y-Ca-V-In	1670	133.0	240	15.0	≤ 2	20	1.59	1.9	0.15	2.01
RG11	Y-In	1850	147.0	240	14.9	≤ 2	25	1.99	1.3	0.10	2.01

* $4\pi M_s$ vs. temperature see viewgraph page 2

- Modified yttrium iron garnets covering a wide range of saturation magnetization
- Extreme low losses given by narrow 3dB resonance line width and low dielectric loss tangent.