

# GOUDSMIT

## MAGNETICS

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Goudsmit grade code	Magnetic field orientation	Remanence $B_r$	Normal coercivity $H_{cB}$	Intrinsic coercivity $H_{cJ}$	Maximum energy product $(BH)_{max}$	Remanence temperature coefficient $\alpha(B_r)$	Intrinsic coercivity temperature coefficient $\beta(H_{cJ})$	Maximum operating temperature $T_{max}$
		minimum value	minimum value	minimum value	minimum value	typical value	typical value	maximum value
		[mT]	[kA/m]	[kA/m]	[kJ/m <sup>3</sup> ]	[%/°C]	[%/°C]	[°C]
F10	isotropic	210	127	211	6.4	-0.18	0.40	225
F25	anisotropic	380	143	147	25.5	-0.18	0.50	225
F30	anisotropic	390	175	179	27.1	-0.18	0.45	225
F33	anisotropic	390	239	243	27.1	-0.18	0.40	225
F34	anisotropic	370	263	307	24.7	-0.18	0.35	225
F40	anisotropic	390	271	307	28.7	-0.18	0.40	225
F42	anisotropic	415	215	219	30.3	-0.18	0.40	225
F44	anisotropic	430	247	251	33.4	-0.18	0.40	225
F45	anisotropic	440	318	347	36.6	-0.18	0.20	225
F47	anisotropic	460	328	368	41.5	-0.18	0.25	225