

FLEXIBLE MAGNET (BONDED FERRITE) PROPERTIES

MAGNETIC PROPERTIES

| Grade | | Remanence | Coercive Force | Intrinsic Coercive Force | Max. energy product | Production Method |
|-------------|-------|------------------------|------------------------|--------------------------|--------------------------|----------------------------------|
| | | Br | Hcb | Hcj | (BH) max | |
| | | mT | kA/m | kA/m | kJ/m ³ | |
| | | (kGs) | (kOe) | (kOe) | (MGOe) | |
| Isotropic | YT4 | 135-155 (1.35-1.55) | 85-105 (1.05-1.30) | 175-210 (2.20-2.60) | 3.2-5.0 (0.40-0.62) | Extruding Rolling Injected |
| | YTS5 | 165-180 (1.65-1.80) | 90-105 (1.13-1.30) | 135-160 (1.70-2.01) | 4.5-5.8 (0.56-0.72) | |
| | YTB5 | 170-190 (1.70-1.90) | 95-115 (1.20-1.45) | 150-190 (1.885-2.40) | 4.6-6.5 (0.57-0.80) | |
| | YT6.5 | 185-200 (1.85-2.00) | 90-110 (1.13-1.38) | 125-150 (1.57-1.885) | 6.0-7.0 (0.74-0.93) | |
| Anisotropic | YT10 | 220-240 (2.20-2.40) | 140-165 (1.76-2.07) | 200-235 (2.50-2.95) | 9.0-10.5 (1.1-1.30) | Extruding Rolling |
| | YT11 | 230-250 (2.30-2.50) | 145-165 (1.82-2.07) | 190-225 (2.38-2.85) | 9.5-11.0 (1.18-1.36) | |
| | YT13 | 250-270 (2.50-2.70) | 175-190 (2.20-2.40) | 200-230 (2.50-2.90) | 11.5-14.5 (1.42-1.80) | |
| | YT15 | ≥270 (≥2.70) | 175-190 (2.20-2.40) | 200-230 (2.50-2.90) | ≥14.5 (≥1.80) | Rolling |

TYPICAL PHYSICAL PROPERTIES

| Parameters | Value |
|------------------|--------------------------|
| Density | 3.6-3.8g/cm ³ |
| Shore Hardness | 30-45 |
| Temp Coefficient | -0.2%/°C |
| Operating Temp | -40-80°C |