



Pacific Ceramics, Inc.

## Garnets

| Product | Saturation<br>Magnetization<br>$4\pi M_S$<br>(gauss) | Dielectric<br>Constant<br>$\epsilon'$ | Loss<br>Tangent<br>$\tan\delta_\epsilon$<br>(x $10^{-4}$ ) | Resonance<br>Linewidth<br>$\Delta H$ @3dB<br>(oe) | Curie<br>Temperature<br>$T_C$<br>( $^{\circ}\text{C}$ ) |
|---------|--|---------------------------------------|--|---|---|
|---------|--|---------------------------------------|--|---|---|

### Dysprosium Doped for High RF Power Application Aluminum Substituted Yttrium Iron Garnet

|        |     |      |            |           |     |
|--------|-----|------|------------|-----------|-----|
| 66-600 | 600 | 14.0 | $\leq 2.5$ | $\geq 90$ | 170 |
| 66-300 | 300 | 13.7 | $\leq 2.5$ | $\geq 90$ | 120 |