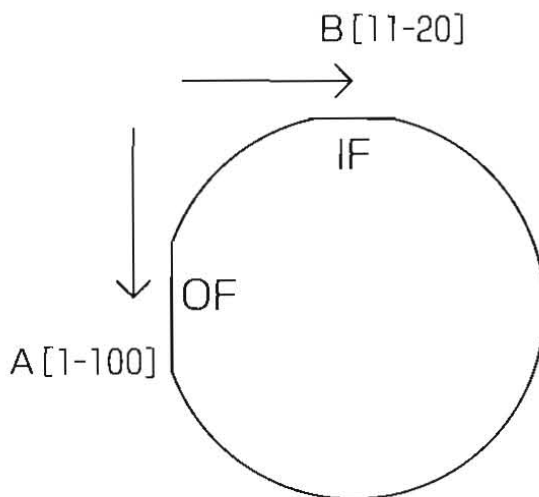


GaN Wafers for Blue LDs and LEDs

Standard Specifications

| Size | 2inch | 4inch |
|---|-------------------------|-------------------------|
| Conduction Type | n-Type | |
| Carrier Concentration(cm^{-3}) | $\geq 1 \times 10^{18}$ | $\geq 1 \times 10^{18}$ |
| Mobility($\text{cm}^2/\text{V} \cdot \text{sec}$) | ≥ 80 | ≥ 80 |
| Diameter(mm) | 50.0 ± 0.5 | 100.0 ± 0.5 |
| Thickness(μm) | 400 ± 30 | 400 ± 50 |
| Orientation | $(0001) \pm 1.0^\circ$ | $(0001) \pm 1.0^\circ$ |
| Surface Finish | P/LE | |
| TTV(μm) | ≤ 20 | ≤ 20 |
| Warp(μm) | ≤ 30 | ≤ 50 |
| Package | Individual Container | |



Attached Data

- Standard : Carrier Concentration, Resistivity, Mobility, EPD Average, Diameter, OF, IF, Thickness(min.~max.)