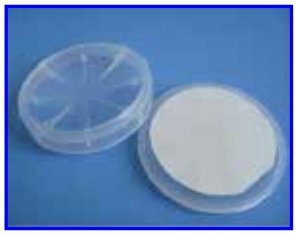

GaN Free -Standing Wafer

Specification				
Diameter	50.8~100			mm
Orientation	C-axis(0001) ±0.5°			degree
Type / Dopant	N / Si	N / Undoped	SI / Fe	
Resistivity	< 0.05	< 0.5	$>10^6$	Ω.cm
Dislocation Density	$<9 \times 10^6$	$<9 \times 10^6$	$(0.1\sim3) \times 10^6$	cm^{-2}
Thickness	400 ±25			um
TTV	Φ50.8mm:<15, Φ100mm<30 or Customized			um
Surface	CMP / Optical Polish			

GaN Templates Wafer

Specification				
Diameter	50.8~150			mm
Orientation	C-axis(0001) ±0.5°			degree
Type	P / Mg	N / Si	N / Undoped	
Resistivity	~10	< 0.05	< 0.5	Ω.cm
Thickness	4.5 or Customized			um
Dislocation Density	$> 6 \times 10^{16}$	$< 5 \times 10^8$		cm^{-2}

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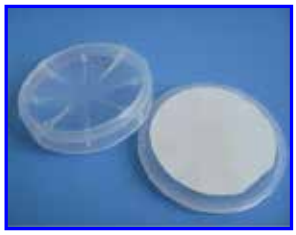

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