



φ8" Standard Specification (Monocrystalline)

Made in Japan

Characteristics	Specification	Units	Remarks
Growth Method	CZ		
Type	P		
Dopant	Boron		
Resistivity	3.0~6.0	$\Omega \cdot \text{cm}$	*1
Oxygen Concentration	$<2.0 \times 10^{18}$	atoms/cm ³	OldASTM
Carbon Concentration	$<1.0 \times 10^{17}$	atoms/cm ³	OldASTM
Dislocation(EtchPitDensity)	<3000	/cm ²	
Life Time	15	Micro sec	
Twin	None		
Slip	None		
Crystal Orientation	$<100> 0 \pm 3.0$	Degree	
Diameter	201 \pm 0.5	mm	*2
Ingot Length	100-400	mm	

*1 Measurement Position : Center1 Point

*2 Weight = Gross Weight

Requests:

(1) Inspection Cert

Type, Dopant, Resistivity, FPD, Crystal Orientation, Diameter, Ingot Length.

(2) Marking 【Ingot Number】

Mark on each ingot on its seed side with each growing batch and included the cutting block number in order to know the block position for the Whole ingot.

(see Figure-1)