

	TiO ₂	Nb:TiO ₂	
Nb concentration	0	0.05wt% (0.04at%)	0.5wt% (0.43at%)
Resistivity	$> 10^7 \Omega \cdot \text{cm}$	2.5~10 $\Omega \cdot \text{cm}$	0.20~0.35 $\Omega \cdot \text{cm}$
Orientation	(100), (001), (110) Tolerance : $\pm 0.5^\circ$		
Size	10 × 10 × 0.5 mm , 15 × 15 × 0.5 mm Tolerance (outside dimension) : ± 0.1 mm Tolerance (thickness) : ± 0.05 mm		
Polishing	One-side / Both-side		
STEP	Available for (100), (110)		
Surface roughness	$R_a \leq 1.0\text{nm}$, $R_{\text{max}} \leq 5.0\text{nm}$		