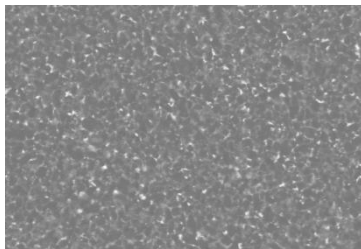
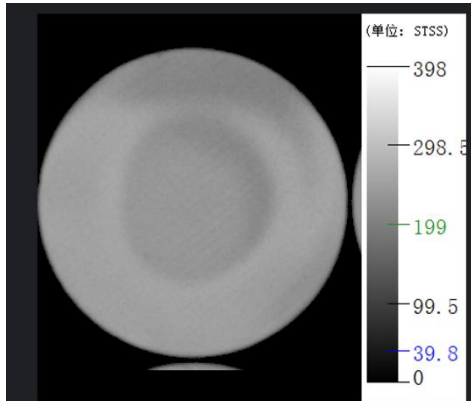


Product Inspection Report			
Product Name	SJC95 Cubic Boron Nitride (PCBN) Blank	Diameter	71mm
Product Size	2.0mm±0.07mm	Polycrystalline Layer Thickness	0.6-0.9mm
Quantity	1pcs	Batch No.	SJC95 250815
Inspection Date	2025/8/17	Flatness	0.1±0.02
Inspection Basis	1.Inspection Standard for Cubic Boron Nitride		
Inspection Department	Quality & Safety Center		
Inspection Items	1.Dimensional & Appearance Inspection 2.Vickers Hardness Test 3.Scanning Electron Microscopy (SEM) Inspection 4.Ultrasonic Flaw Detection		
Dimensional & Appearance Inspection	Meets standard requirements (100% inspection).		
Ultrasonic Flaw Detection	No internal defects detected.		
Vickers Hardness Test	4500HV		
Grain Size	4μm		
Scanning Electron Microscopy (SEM) Inspection	Acceptance Criteria: The blank shows uniform microstructural morphology after sintering, with no impurities or particle agglomeration.		
			
	Conclusion: The SEM results meet acceptance criteria.		
Ultrasonic Inspection			

Conclusion: The material layer meets acceptance criteria with no internal defects.

Final Conclusion:

Based on the above results, the SJC95 cubic boron nitride blank, batch No. 250815, is **qualified**.

Quality & Safety Center
2025/8/17