



QUALITY TEST CERTIFICATION

Alloy No: C12200 Temper: O60

Dimension: $\Phi 1\frac{1}{2} \times 0.6 \times 15M$

Specification: ASTM B280

Test Items		Normal Value	Test Value	Result
			Sample 1	
Size	(OD) mm	12.7 \pm 0.05	12.73	Pass
	(Wall thickness) mm	0.66(-0.06~+0.02)	0.55-0.60	Pass
(Grain Size) mm		≥ 0.040	0.040	Pass
(Clearness) mg/m ²		≤ 38	18.93	Pass
Mechanical Property	Tensile Strength Mpa	≥ 205	242	Pass
	Elongation %	≥ 40	49.5	Pass
Expansion Test $\alpha=60^\circ$ D=1.4D		No crack when vision	Pass	Pass
Eddy Current Test mm		0Point	Pass	Pass
Surface		Conform To		
Packing Requirement		Conform To		
Marking		Conform To		
% Chemical Composition	Cu	≥ 99.90	99.96	Pass
	P	0.015-0.040	0.0341	Pass
RESULT		PASS		

This Product is Certified to be in accordance with the specification.