



QUALITY TEST CERTIFICATION

Alloy No: C12200 Temper: O60

Dimension: $\Phi 7/8" \times 0.75 \times 15M$

Specification: ASTM B280

Test Items		Normal Value	Test Value	Result
			Sample 1	
Size	(OD) mm	22.23 \pm 0.06	22.255	Pass
	(Wall thickness) mm	0.75(-0.07~+0.02)	0.70-0.75	Pass
(Grain Size) mm		≥ 0.040	0.040	Pass
(Clearness) mg/m ²		≤ 38	19.40	Pass
Mechanical Property	Tensile Strength Mpa	≥ 205	244	Pass
	Elongation %	≥ 40	50	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	0.0232	Pass
RESULT		PASS		

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