

Document Code:

Date:

PURCHASER		CONTRACT DATE	
ORDER No.		SHIPPING No.	-
DESIGNATION	PANCAKE 9.52mm x 0.80 mm x 10 M	TEMPER	O60
ACCORDING TO	ASTM B75-11	MATERIAL	Cu DHP (C12200)

Parameter Tested	Unit	Measured		Reference Value*	
		Min.	Max.	Min.	Max.
Chemical Composition					
Copper Content	%	99.95	99.96	99.9	-
Phosphorus content	%	0.025	0.037	0.015	0.040
Mechanical Properties					
Tensile Strength	MPa	235	245	205	-
Elongation	%	47	49	40	-
Pressure	bar	-	-	-	74
Control of Dimensions					
Mean Outer Diameter	mm	9.47	9.50	9.47	9.57
Mean Wall Thickness	mm	0.77	0.83	0.74	0.86
Other Tests					
Eddy Current Test	Def/lwc			OK	
Grain Size	µm			OK	

* These values are obtained from the ASTM B280 , ASTM B75 & ASTM B68 standard specification and mainly depend on product type, dimensions and its temper. The attached tables to this document show those reference values for all product types, dimensions and tempers specified by the ASTM B280 , ASTM B75 & ASTM B68 standard.