

Billets and Cakes Product Guide

NOTE: The values shown are typical reference values and do not represent mechanical properties, dimensional specifications, or purchase requirements. Please contact us for further details.

Oxygen-Free		Chemical Composition (%)																		Conductivity	
MMC Name	CDA No.		Cu (%)	Pb	Zn	Fe	P	Ag	As	O	Sb	Te	Bi	Cd	Mn	Ni	Se	S	Sn		
OFC	C10200	min	99.95																		100 %IACS
		max								0.001											
OFE	C10100(※1)(※2)	min	99.99																		101 %IACS
		max		0.0005	0.0001	0.0010	0.0003	0.0025	0.0005	0.0005	0.0004	0.0002	0.0001	0.0001	0.00005	0.0010	0.0003	0.0015	0.0002		

(※1) RRR measurement can be conducted upon request.

(※2) Class determination in accordance with ASTM F68 can be performed upon request.

ETP		Chemical Composition (%)	
MMC Name	CDA No.		Cu O
ETP	C11000	min	99.90
		max	0.045

Phosphorus-Deoxidized		Chemical Composition (%)	
MMC Name	CDA No.		Cu P
DLP	C12000	min	99.90 0.004
		max	0.012
DHP	C12200	min	99.9 0.015
		max	0.040

Alloy		Chemical Composition (%)									
CDA No.		Cu	O	Ag	P	Zr	Ni	Si	Cr	Fe	Pb
C10400	min	99.95		0.027							
	max		0.0010								
C10700	min	99.95		0.085							
	max		0.0010								
C10800	min	99.95			0.005						
	max				0.012						
C15000	min	Rem				0.10					
	max					0.20					
C15100	min	99.80				0.05					
	max					0.15					
C18000	min						1.8	0.40	0.10		
	max	Rem					3.0	0.8	0.8	0.15	
C18150	min					0.02			0.50		
	max	Rem				0.20			1.5		
C18200	min								0.6		
	max	Rem						0.10	1.2	0.10	0.05

Please contact us for details.

Billet and Cake Size Information

Billet			
Diameter	Weight/length	Diameter	Weight/length
mm	kg/m	inches	lb/inch
200	280	7.9	15.7
240	403	9.4	22.6
258	466	10.2	26.1
300	630	11.8	35.3
319	712	12.6	39.9
362.5	920	14.3	51.5

Length up to 5,800mm (≒228.34 inch), Per piece weight of 10,000kg (≒22,0462lb)

For other sizes, please contact us.

Cake					
Thickness	Width	Weight/length	Thickness	Width	Weight/length
mm	mm	kg/m	inches	inches	lb/inch
190	780	1320	7.5	30.7	73.9
190	960	1625	7.5	37.8	91.0
260	640	1483	10.2	25.2	83.0
260	1050	2432	10.2	41.3	136.2
280	530	1322	11.0	20.9	74.0
280	610	1522	11.0	24.0	85.2

Length up to 5,800mm (≒228.34 inch), Per piece weight of 10,000kg (≒22,0462lb)

For other sizes, please contact us.