

# BROOKSIDE METAL COMPANY LTD.

## SANDCASTING BRASS

NATIONALITY	ALLOY DESIGNATION	Cu	Sn	Pb	Zn	Fe	Ni	Al	Mn	Si	As	Sb	P	S	TOTAL IMPURITIES
U.K.	BS 1400 1985 SCB1	70.0-77.00	1.0-3.0	2.0-5.0	BAL.	0.5 MAX.	1.0 MAX.	0.1 MAX.	-	-	-	-	-	-	1.0 MAX. EXCL. Ni+Fe
U.K.	BS 1400 1961 SCB2	66.0-71.0**	1.5 MAX.	2.0-5.0	BAL.	0.5 MAX.	1.0 MAX.	0.1 MAX.	-	-	-	-	-	-	1.0 MAX. EXCL. Ni+Fe.
U.K.	BS 1400 1985 SCB3	63.0-66.0	1.5 MAX.	1.0-2.8	BAL.	0.5 MAX.	1.0 MAX.	0.1 MAX. +	0.2 MAX	0.03 MAX	-	-	0.02 MAX	-	1.0 MAX. EXCL. Ni+Fe.
EUROPEAN	BS EN 1982:2008 CuZn33Pb2-B (CB750S)	63.0-66.0	1.5 MAX	1.0-2.8	BAL	0.7 MAX	1.0 MAX	0.1 MAX +	0.2 MAX	0.04 MAX			0.02 MAX		
EUROPEAN	BS EN 1982:2008 CuZn33Pb2Si-B (CB751S)	63.5-65.5	0.80 MAX	0.8-2.0	BAL	0.25-0.50	0.80 MAX	0.10 MAX	0.1 MAX	0.70-1.0		0.05 MAX.			
GERMANY	DIN 17656 1973 Gb CuZn33Pb (MS65A)	62.5-66.0*	1.4 MAX.	1.3-2.8	BAL.	0.70 MAX.	0.8 MAX.	0.03 MAX.	0.10 MAX.	0.03 MAX.	0.08 MAX.	0.05 MAX.	0.02 MAX.	-	1.8 MAX. EXCL. Ni.
ITALY	UNI 5034 G CuZn36	62.0-65.0	0.5 MAX.	0.40 MAX.	BAL.	0.35 MAX.	0.50 MAX.	0.05 MAX.	0.40 MAX.	0.05 MAX.	0.05 MAX.	0.05 MAX.	0.05 MAX.	-	Cu+Zn+Ni 98.0 MIN.
U.S.A.	ASTM B30 C85400	66.0-69.0	0.50-1.5	1.5-3.5 MAX.	25.0-31.0	0.50 MAX.	0.8 MAX.	0.005 MAX.	-	0.05 MAX.	-	-	-	-	0.35 MAX.
SWEDEN	SIS 14 5144 1977	63.0-66.0	1.5 MAX.	1.0-2.8	33.0 MAX.	0.7 MAX.	1.0 MAX.	0.03 MAX.	0.2 MAX.	0.03 MAX.	0.08 MAX.	0.05 MAX.	0.02 MAX.	-	
NORWAY	NS 16 550 1977	63.0-66.0	1.5 MAX.	1.0-2.8	BAL.	0.7 MAX.	1.0 MAX.	0.03 MAX.	0.2 MAX.	0.03 MAX.	0.08 MAX.	0.05 MAX.	0.02 MAX.	-	1.0 MAX.
U.K.	BS 1400 1985 SCB4	60.0-63.0	1.0-1.5	0.5 MAX.	BAL.	-	-	0.01 MAX.	-	-	-	-	-	-	0.75 MAX.
U.K.	BS 1400 1985 SCB6	83.0-87.0	-	0.5 MAX.	BAL.	-	-	-	-	-	0.05-0.20	-	-	-	1.0 MAX. INCLUDING Pb.

\*NICKEL MAY COUNT AS COPPER

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+ FOR PRESSURE TIGHT CASTINGS ALUMINIUM SHALL BE NOT GREATER THAN 0.02%