

PHOS BRONZE – UNS C51900
(CuSn6 PHOS BRONZE SHEET – HALF HARD)
 ROLLED SHEET



WE CUT TO YOUR SIZES
STANDARD SHEET SIZES: 2000 X 300 MM

STOCK PLATE THICKNESS -- FULL SHEET WEIGHT 2000 x 300 mm	
0.3 MM -- 1.6 KGS	1.5 MM -- 7.9 KGS
0.4 MM -- 2.1 KGS	2.0 MM -- 10.6 KGS
0.5 MM -- 2.6 KGS	3.0 MM -- 13.2 KGS
0.6 MM -- 3.2 KGS	4.0 MM -- 15.9 KGS
0.8 MM -- 4.2 KGS	5.0 MM -- 26.4 KGS
1.0 MM --- 5.3 KGS	6.0 MM -- 31.7 KGS
1.2 MM --- 6.3 KGS	

CHEMICAL COMPOSITION			
COPPER Cu %	PHOS P %	TIN Sn %	
REM	0.025 – 0.04	5.5 – 7.5	

TYPICAL MECHANICAL PROPERTIES – HALF HARD					
THICKNESS	TENSILE STRENGTH		ELONGATION %	HARDNESS	
ALL SIZES	MPa	500 min	10	HV	180 – 210
	KSi	72 min		HB	174 - 201
				HRB	89 – 95