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NOCKERS
 ENGINEERING PRODUCTS

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COPPER BASED WIRE MATERIALS COMMONLY SUPPLIED BY NOCKERS ENGINEERING PRODUCT

Material Designation			Composition (%)											Density (g/cm ³)
Symbol	Number	Description	Cu	Al	Be	Co	Fe	Ni	P	Pb	Sn	Zn	Other (Total)	
Cu-ETP	C101 to BS2870/3	Electrolytic tough pitch high conductivity Copper	99.9min											8.9
CuZn30	CW505L to EN12166	Copper Zinc alloy	69.0-71.0	0.02max			0.05max	0.3max		0.05max	0.1max	Rem.	0.1	8.55
CuZn40	CW509L to EN12166	Copper Zinc alloy	59.0-61.5	0.05max			0.2max	0.3max		0.2max	0.2max	Rem.	0.2	8.4
CuSn5	PB102 to BS2870/3	Copper Tin Phosphorus alloy	Rem.						0.02-0.40		4.5-6.0			8.85
CuSn6	CW452K to EN12166	Copper Tin Phosphorus alloy	Rem.				0.1max	0.2max	0.01-0.40	0.02max	5.5-7.0	0.2max	0.2	8.8
CuBe2	CW101C to EN12166	Copper Beryllium alloy	Rem.		1.8-2.1	0.3max	0.2max	0.3max					0.5	8.25
CuZn39Pb3	CW614N to EN12166	Copper Zinc Lead alloy	57.0-59.0	0.05max			0.3max	0.3max		2.5-3.5	0.3max	Rem.	0.2	8.4
NiCu30Al	NA18 to BS3073/5	Nickel Copper Aluminium alloy (Monel® K-500)	27.0-33.0	2.0-4.0				63.0min					Ti 0.25-1.0	8.47