

## DEOXIDIZED PHOSPHOROUS COPPER

CHEMICAL COMPOSITION				
MATERIAL	NORMAL COMPOSITION	NEAREST RELEVANT COMPOSITION SPECIFICATION		
		BS: 2870	ISO	JIS
Phosphorous Deoxidized Copper (DONA)	Cu - 99.85% Min. P - 0.013-0.050%	C 106	Cu DHP 1337	H 3100 C 1220

\* Material conforming to other National Specification e.g. ASTM, DIN etc. is also provided.  
\* Available in Strips, Sheets, Plates & Circles form.

TYPICAL MECHANICAL PROPERTIES						
MATERIAL	TEMPER	TENSILE STRENGTH N/mm <sup>2</sup>	ELONGATION % ON 50 mm G.L.	VICKERS HARDNESS VPN	ISO	JIS
Phosphorous Deoxidized Copper	'O'	210 Min	35 Min	55 Max	Cu DHP 1337	H 3100 C 1220
	M	210 Min	35 Min	65 Max		
	1/2 H	240 Min	10 Min	70 to 95		
	H	290 Min	-	90 Min		

- **'O'** : Annealed Condition
- **1/2Hv** : Half Hard
- **Hb** : Hard