

名称: 白铜

分类号: SCu7158

Name: White copper/Copper-nickel alloy

Classification No.: SCu7158

应用范围 Applied range:

耐海水腐蚀性好。适用于铜镍合金的焊接和堆焊。如化工设备、海水淡化、海洋结构、造船、石油精炼、食品工业以及耐腐蚀装置和容器等。也可用于与非铁合金和钢的异种材质的焊接。

Good seawater corrosion resistance. Suitable for welding and surfacing of Cu - Ni alloy. Such as chemical equipment, seawater desalination, Marine structures, shipbuilding, petroleum refining, food industry and corrosion resistant devices and containers. It can also be used for welding with non ferrous alloys and steel dissimilar materials.



白 铜 Copper-nickel alloy

化学成分(%)													
执行标准 Execution standard	分类号 Classification	合金号 Alloy No.	Cu	Fe	Mn	Ni	P	Pb	Si	C	Ti	S	其他元素 Others
GB/T9460	SCu7158	CuNi30Mn1Fe Ti	bal.	0.4- 0.7	0.5-1.5	29.0-3 2.0	max 0.02	max 0.02	max 0.25		0.2- 0.5	max 0.01	max 0.5
BS EN14640	Cu7158	CuNi30	bal.	0.4- 1.0	0.5-1.5	29.0-3 2.0	0.02	0.02	0.25	0.05	0.2- 0.5	0.02	0.4
AWS A5.7	C71581	ERCuNi	bal.	0.40- 0.75	1.0	29.0-3 2.0	0.02	0.02	0.25	-	0.20- 0.50	-	0.50
DIN 1733		SG-CuNi30Fe	bal.	0.4- 1.0	0.5-1.5	29.0-3 2.0	max 0.02	max 0.02	max 0.2	max 0.05	0.2- 0.5	max 0.015	max 0.4