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REASON FOR ISSUE

Update of classification and chemical composition.

GENERAL

Bare aluminium bronze welding rods for welding of aluminium bronzes of the same type and over lay welding of un- and low alloyed steels. The alloy has a good corrosion resistance against sea water.

Shielding Gas: I1, I2, I3 (EN 439)

Alloy Type: Alloyed copper (Cu + 8 % Al)

CLASSIFICATIONS Wire Electrode

SFA/AWS A5.7 ERCuAl-A1
EN ISO 24373 CuAl7

APPROVALS

Not applicable

CHEMICAL COMPOSITION

Wire/Strip (%)

	Min	Max
Si		0.20
Mn		0.5
Al	6.0	8.5
Pb		0.02
Zn		0.2
Fe		0.5
Ni+Co		0.8
Others tot		0.4
Comments: Cu balance		

MECHANICAL PROPERTIES OF WELD METAL

All Weld Metal

Properties	As welded	
	Typ	
Rp0.2 (MPa)	175	
Rm (MPa)	420	
A4-A5 (%)	40	