



CEWELD DUR 1 Tig

TYPE Cobalt-based alloy with high abrasion and corrosion resistance. (Stellite 1)

APPLICATIONS Pump sleeves, expeller screws, impellers, plastic recycling, mixer blades for rubber, valves, seats etc.

PROPERTIES Outstanding hardfacing alloy against abrasion and corrosion combined with high temperatures.

CLASSIFICATION AWS A 5.21: ERCoCr-C
EN ISO 14700: S Co3
F-nr 71

SUITABLE FOR Stellite 1 alloy for cladding,

APPROVALS

WELDING POSITIONS



TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)

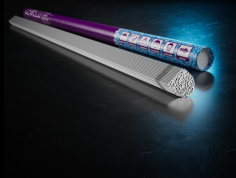
C	Si	Mn	Cr	Fe	W	Co
2.4	0.7	0.4	30	2.8	11	Rem.

MECHANICAL PROPERTIES

Heat Treatment	R _{p0,2} (MPa)	R _m (MPa)	A ₅ (%)	Hardness
As Welded				55 HRc

REDRYING Not required

GAS ACC. EN ISO 14175 I1



CEWELD DUR 1 Tig

DUR 1 TIG 2,4 X 1000MM	Packaging	KG/unit	EanCode
	Tube	5	8720663402226
DUR 1 TIG 3,2 X 1000MM	Packaging	KG/unit	EanCode
	Tube	5	8720663402233
DUR 1 TIG 4,0 X 1000MM	Packaging	KG/unit	EanCode
	Tube	5	8720663402240
DUR 1 TIG 5,0 X 1000MM	Packaging	KG/unit	EanCode
	Tube	5	8720663402257
DUR 1 TIG 6,4 X 1000MM	Packaging	KG/unit	EanCode
	Tube	5	8720663402264