



CEWELD SACW DUR 21

TYPE Cobalt based fluxcored SAW wire for cladding against metal to metal wear, thermal schock and erosion.

APPLICATIONS Solving wear problems against chemicals, erosion, corosion, high temperatures, abrasion and combinations of those.

PROPERTIES Excellent gliding properties against metal to metal wear due to low friction, Excellent against erosion and corrosion at high working temperatures upto 900°C. Crack free hard facing deposit against severe thermal shock and impact. To be used with fused flux CEWELD® FL 880.

CLASSIFICATION EN ISO 14700: T Co1

SUITABLE FOR Cladding seats and valves in chemical industry, hot sharing blades, extrusion parts, coke hammers, turbine injectors, gas and steam turbine parts.

APPROVALS

WELDING POSITIONS



TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)

C	Si	Mn	Cr	Ni	Mo	Fe	Co
0.27	1.2	1	28	2.5	5	3.5	Rem.

MECHANICAL PROPERTIES

Heat Treatment	R _{P0,2} (MPa)	R _m (MPa)	A ₅ (%)	Hardness
As Welded				30 HRc

REDRYING 140°C / 24 hr

GAS ACC. EN ISO 14175



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SACW DUR 21 2,4MM

Packaging	KG/unit	EanCode
K-415	25	8720663417336