

CEWELD E DUR 400 CrMo

TYPE Basic coated electrode for rebuilding heat resistant machine parts and buffer layers.

APPLICATIONS Hardfacing, rebuilding, overlays, machine parts, wheels, conveyors, crossings, buffer layers prior to Hardfacing etc.

PROPRIÉTÉS Outstanding alloy against high impact combined with abrasion including metal to metal friction and increased working temperatures up to 550 °C. Due to the high resistance to cracking and toughness, all weld metal requires no buffer layer except on materials considered critical. Suited for wear parts subject to heavy impact and shock. The weld metal is machinable with carbide tip tools, hardening is possible. The maximum hardness is dependent on the base metal and is often achieved in the first layer.

CLASSIFICATION EN ISO 14700: E Fe3
DIN 8555: E 3-UM-40-PT

CONVIENT POUR Rebuilding worn machine parts, Stone crushers, Hammers, Gears, Cams, rails, crossings etc.

AGRÉMENTS

POSITIONS DE SOUDAGE



TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)

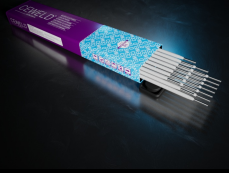
C	Mn	Cr	Mo	Fe	Si
0.1	0.6	6.5	3	Rem.	0.4

PROPRIÉTÉS MÉCANIQUES

Heat Treatment	R _{P0,2} (MPa)	R _m (MPa)	A ₅ (%)	Hardness
As Welded				400 HB

ETUVAGE 300°C / 2 hr

GAS ACC. EN ISO 14175



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E DUR 400 CRMO 2,5 X
350MM

Packaging	KG/unit	EanCode
Can	3	8720663401601