



CEWELD 4370 HLS

TYPE High recovery, corrosion resistant stainless steel stick electrode

APPLICATIONS Joining steels with difficult weldability, high plasticity and therefore very well suitable for buffer layers before Hardfacing and welding dissimilar steels.

PROPRIÉTÉS Excellent weldability and scale and corrosion resistant up to 900 °C. Extreme high elongation and impact values for critical welding applications.

CLASSIFICATION

AWS	A 5.4: ~E 307-26
EN ISO	3581-A: E 18 8 Mn R 52
F-nr	1
FM	5

CONVIENT POUR **19% Cr / 9% Ni / 7% Mn, ISO 15608: 8.1 Cr ≤ 19 %**
 1.3401, 1.5637, 1.5680, 1.4370
 X 20 Cr 13, X 8 Cr 17, X 22 CrNi 17, X 5 CrNi 17, G-X 20 Cr 14 mix S355
 42CrMo4, C45, 42MnV7, X120Mn12, 10 Ni 14, 12 Ni 19 etc.
 ASTM 307, 304, (409, 403, 405, 410, 420, 430, 440, 501, 502)
 Amor, Z 120 M 12 ,

AGRÉMENTS CE

POSITIONS DE SOUDAGE



TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)

C	Si	Mn	P	S	Cr	Ni
0.1	0.8	5	0.02	0.015	19	9

PROPRIÉTÉS MÉCANIQUES

Heat Treatment	R _{P0.2} (MPa)	R _m (MPa)	A ₅ (%)	Impact Energy (J) ISO-V		Hardness
				RT		
As Welded	370	600	40	70		300 HB

ETUVAGE 300°C / 2 hr

GAS ACC. EN ISO 14175



CEWELD 4370 HLS

4370 HLS 3,2 X 350MM

Packaging	KG/unit	EanCode
Can	2,8	8720663416254

4370 HLS 4,0 X 450MM

Packaging	KG/unit	EanCode
Can	3	8720663416285