


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.						
PROPERTIES	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					
SUITABLE FOR	Screening steels Tools steels, Low alloyed steels, Austenitic steels with Mn : type Z 120 M 12 Spring steels : 45S7*, 51S7*; 56SC7*, 45C4*, manganese steels, C45, dissimilar joint welding between steel and stainless steel such as: Armor plate, high carbon steels. Recommended for welding rails, crossing, crusher teeth, hammers and applications where rolling wear is required.						
APPROVALS	CE						
WELDING POSITIONS							
TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)	C	Si	Mn	P	S	Cr	Ni
	0.1	0.8	5	0.02	0.015	19	9
ALL WELD MECHANICAL PROPERTIES	Heat Treatment	R _{P0,2} MPa	R _m MPa	A ₅ (%)	Impact Energy (J) ISO-V RT	Hardness Brinell Hardness	
	As Welded /	370	600	40	70	Avg. 300	
REDRYING TEMPERATURE	300°C / 2 hr						
GAS ACCORDING EN 14175							



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4370 HLS 3,2 X 350MM

Type	KG/unit	EANCode
Can	2,8	8720663416254

4370 HLS 4,0 X 450MM

Type	KG/unit	EANCode
Can	3	8720663416285