



CEWELD 4462 Kb

TYPE	High basic electrode for welding duplex stainless steels								
APPLICATIONS	Used for pipe work and general fabrication in the offshore oil and gas and chemical process industries. Also suitable for cladding steels to obtain corrosion resistant layers..								
PROPERTIES	A high basic electrode for welding austenitic-ferritic stainless alloys of the 22% Cr, 5% Ni, 3% Mo types. CEWELD® 4462 Kb has high general corrosion resistance. In media containing chloride and hydrogen sulphide, the alloy has a high resistance to intergranular corrosion, pitting and especially to stress corrosion. The alloy is used in a variety of applications across all industrial segments.								
CLASSIFICATION	AWS	A 5.4: E 2209-15							
	EN ISO	3581-A: E 22 9 3 N L B 22							
	F-nr	5							
	FM	5							
	W.Nr.	1.4462							
SUITABLE FOR	Duplex stainless steels, 1.4462, 1.4417, 1.4582, 1.4463, 1.4460, 1.4362, 1.4583, 1.4162 X2CrNiMoN 22-5-3, X2CrNiN 23 4, X2CrNiMoN21-5-1 UNS S31803, UNS 32205, UNS 32304, UNS 32101 UR 45N & UR 45N+, 2205, SAF 2205 Fafer 4462, NKCr22, SM22Cr, Falc 223, UR 35 N SAF 2304 P235GH, P265GH, S255N, P295GH, S355N								
APPROVALS	CE								
WELDING POSITIONS									
TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)	C	Si	Mn	P	S	Cr	Ni	Mo	N
	0.02	0.8	1.1	0.02	0.015	22.5	9.5	3.5	0.18
ALL WELD MECHANICAL PROPERTIES	Heat Treatment	R _{P0,2} MPa	R _m MPa	A5 (%)	RT	Impact Energy (J) ISO-V -50°C			
	As Welded /	620	750	25	95	70			
REDRYING TEMPERATURE	300°C / 2 hr								
GAS ACCORDING EN 14175									



CEWELD 4462 Kb

4462 KB 2,5 X 300MM

Type	KG/unit	EANCode
Can	2,5	8720663424358

4462 KB 3,2 X 350MM

Type	KG/unit	EANCode
Can	2,8	8720663413147