



CEWELD SA 2209

TYPE	Stainless steel Duplex filler metal for submerged arc welding. (Type 2209, 1.4462)								
APPLICATIONS	Boilers, tanks, vessels and similar objects that needs high strength and improved resistance against intergranular corrosion, pitting and stress corrosion.								
PROPERTIES	SA 2209 has high general corrosion resistance in media containing chloride and hydrogen sulfide. Combined with our fused flux FL 880 excellent results are obtained for both joining and cladding applications with self lifting slag and it leaves a fine rippled surface free from slag residues or pin holes. Also our agglomerated flux FL 838 can be used.								
CLASSIFICATION	AWS	A 5.9: ER2209							
	EN ISO	14343-A: S 22 9 3 N L							
	W.Nr.	1.4462							
	F-nr	5							
	FM	6							
SUITABLE FOR	ISO 15608: 10.1-10.2 Austenitic > 24 % Cr ≤ 4% Ni, DUPLEX 2209, 22%Cr 9%Ni 3%Mo 1.4417, 1.4462, 1.4362, 1.4162, 1.4463, 1.4460, 1.4583 X 2 CrNiMoSi 19 5, X 2 CrNiN 23 4, X 2 CrNiMoN 22 5 3, X10CrNiMoNb18-12 316LN, 318LN UNS S31803, S32205, S32304 SAF 2205 Fafer 4462, NKCr22, SM22Cr, Falc 223 UR 45N & UR 45N+, 2101, 2205, UR 35 N SAF 2304 mix 1.4462 X2CrNiMoN22-5-3 mit P235GH/ P265GH, S255N, P295GH, S355N, 16Mo3								
APPROVALS	CE								
WELDING POSITIONS	 PA  PB  PC								
TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)	C	Si	Mn	P	S	Cr	Ni	Mo	N
	0.02	0.8	1.5	0.02	0.02	22	9	3	0.15
MECHANICAL PROPERTIES	Heat Treatment	R _{p0,2} (MPa)	R _m (MPa)	A ₅ (%)	Impact Energy (J) ISO-V		Hardness		
					RT	-60°C			
	As Welded	570	780	25	80	40		HRc	
REDRYING	Not required								
GAS ACC. EN ISO 14175									



CEWELD SA 2209

SA 2209 2,4MM

Packaging	KG/unit	EanCode
K-415	25	8720663414601

SA 2209 3,2MM

Packaging	KG/unit	EanCode
K-415	25	8720663414243