




CEWELD SP 312

TYPE	Solid high Cr/Ni Metal spray wire. (Type 29 9, 312, 1.4337)				
APPLICATIONS	CEWELD SP 312 is a 29/9 Chromium- Nickel alloy for use at operating temperatures up to 1020 °C. It contains a high chromium content for good corrosion resistance and remarkable strength properties, especially under conditions of frequent switching or wide temperature fluctuations. Used for heating elements in domestic appliances and industrial equipment. CEWELD SP 312 can be applied with the flame spray process and the electric arc process as well.				
PROPERTIES	Excellent corrosion resistance against many media and acid environments. Good thermal shock resistance.				
CLASSIFICATION	EN ISO W.Nr.	14919: X.mod type 1.4337			
SUITABLE FOR	ISO 15608: 11 (0,25 % < C ≤ 0,85 %) Type: 29% Cr, 9%Ni 1.3401, 1.4006, 1.4339, 1.4340, 1.4347, 1.4460 X120Mn12, X10Cr13, GX32CrNi28-10, GX49CrNi27-4, GX8CrCrNiN26-7, X3CrNiMoN27-5-2 UNS S41000 AISI 329, 410. S235, E295 Hss, C45, C60, dissimilar welding, maintenance, buffer layers, repairing cock wheels, 42MnV7, 25CrMo4, 42CrMo4, 50CrMo4, 1.5223, 1.7218, 1.7225, 1.7228, Armox, Hardox				
APPROVALS	No Approvals Found				
WELDING POSITIONS					
TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)	Si	Mn		Cr	Mo
	0.55	2		30	0.5
ALL WELD MECHANICAL PROPERTIES	Heat Treatment	R _{P0,2} MPa	R _m MPa	A5 (%)	Hardness Brinell Hardness
	As Welded /1h				Avg. 210
REDRYING TEMPERATURE	Not required				
GAS ACCORDING EN 14175	M21				



CEWELD SP 312

SP 312 1,6MM

Type	KG/unit	EANCode
BS-300	15	8720663410122