


# CEWELD 4130

TYPE	High strength low alloyed Chromium / Molybdenum filler metal.					
APPLICATIONS	Used in aeronautical sector, construction of connecting rods for automotive sector, fixing part, gears, bolts, axes etc..					
PROPERTIES	4130 offers extreme high strength with excellent ductility and good weldability. Preheat and interpass temperature > 200°C					
CLASSIFICATION	W.Nr.		1.7218			
SUITABLE FOR	1.7218, 1.7225 25 CD4, 13 CD45, 16MnCr5, 25CrMo4, 42CrMo4 AISI 4130, 8630, 4140					
APPROVALS	CE					
WELDING POSITIONS						
TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)	C	Mn	Si	Cr	Mo	Ni
	0.3	0.5	0.3	1	0.2	0.1
ALL WELD MECHANICAL PROPERTIES	Heat Treatment	R <sub>p0,2</sub> MPa	R <sub>m</sub> MPa	A <sub>5</sub> (%)	Hardness Rockwell C	
	As Welded /	1140	1170	11	Avg. 38	
REDRYING TEMPERATURE	Not required					
GAS ACCORDING EN 14175						