



CEWELD G4

TYPE High strength Mn / Mo- alloyed filler metal for flame and Tig welding with extreme good flowing properties without spatters during welding.

APPLICATIONS Finegrain and creep resistant molybdenum containing steels. Suitable for working temperatures up to 500°Celsius. It's suited in trade and industry for welding plates, pipes, boilers and other profiles.

PROPERTIES High strength Manganese-Molybdenum- alloyed filler metal for flame welding with extreme good flowing properties without spatters during welding. Excelent mechanical strenght due to the addition of Molybdenium.The deposit is homogenous and suitable for heat treatment (PWHT).

CLASSIFICATION

AWS	A 5.2: R60-G
EN ISO	20378: 0 IV
F-nr	6
FM	1

SUITABLE FOR St37, St42, St35.8, St45.8, 15Mo3, HI, HIII, HII, 17Mn4, 1.0038, 1.0570, 1.0305, 1.0405, 1.5415, 1.0345, 1.0435, 1.0481, 15Mo3, 16Mo3

APPROVALS CE

WELDING POSITIONS

TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)

C	Si	Mn	Mo
0.12	0.2	1.1	0.5

MECHANICAL PROPERTIES

Heat Treatment	R _{p0,2} (MPa)	R _m (MPa)	A ₅ (%)	Impact Energy (J) ISO-V		Hardness
				RT		
As Welded	350	500	22	60		HRc

REDRYING Not required

GAS ACC. EN ISO 14175 None