



CEWELD SG Mo Tig

TYPE	TIG welding wire for 15Mo3 and similar 0,5% Mo steels.						
APPLICATIONS	Creep resistant steels, steam tubing, vessel, boilers, apparatus etc..						
PROPERTIES	Excellent welding properties and mechanical strength up to 460 MPa yield strength. Excellent to be used for creep resisting service at temperatures up to 500 °C.						
CLASSIFICATION	W.Nr.	6					
SUITABLE FOR	Typ 0,5Mo ≤ 460 MPa, ISO 15608: 1.2, 1.3 1.5415, 1.0481, 1.0482 15 Mo3, 16Mo3, 20MnMoNi4-5, 15NiCuMoNb5, S235JR-S355JR, S235JO-S355JO, S450JO, S235J2-S355J2, S275N-S460N, S275M-S460M, P235GH-P355GH, P355N, P285NH-P460NH, P195TR1-P265TR1, P195TR2-P265TR2, P195GH-P265GH, L245NB-L415NB, L450QB, L245MB-L450MB, GE200-GE300 ASTM: A 29 Gr. 1013, 1016; A 106 Gr. C; A, B; A 182 Gr. F1; A 234 Gr. WP1; A 283 Gr. B, C, D; A 335 Gr. P1; A 501 Gr. B; A 533 Gr. B, C; A 510 Gr. 1013; A 512 Gr. 1021, 1026; A 513 Gr. 1021, 1026; A 516 Gr. 70; A 633 Gr. C; A 678 Gr. B; A 709 Gr. 36, 50; A 711 Gr. 1013; API 5 L B, X42, X52, X60, X65						
APPROVALS	CE						
WELDING POSITIONS							
TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)	C	Si	Mn	Cr	Mo		
	0.08	0.45	0.5	8.8	0.9		
MECHANICAL PROPERTIES	Heat Treatment	R _{P0,2} (MPa)	R _m (MPa)	A ₅ (%)	Impact Energy (J) ISO-V	Hardness	
	730°C- 760°C 1h	500	600	23	RT		
					60	HRc	
REDRYING	Not required						
GAS ACC. EN ISO 14175	I1						



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SG MO TIG 1,6 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663416797

SG MO TIG 2,0 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663416810

SG MO TIG 2,4 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663416834