MIGWELD NiMo1

MIG/MAG Wires [GMAW]

Low alloyed steel

CLASSIFICATION:	APPROVALS:	APPLICATION:
EN ISO 16834-A : G 62 6 M21 Mn3Ni1Mo AWS A-5.28 : ER 100S-G		Constructions & Engineering Mining Petrochemical and chemical industry

- Welding wire with the addition of Ni and Mo.
- For welding fine-grained steels with a ductility up to 620N/mm^2.

Application

For welding cranes and mobile cranes, pipelines, tankers and container ships, mining machinery

Base material

EN	DIN, AISI	W.Nr.
	N-A-XTRA56, N-A-XTRA63, N-A-XTRA70, T1, T1A, T1B, X60, X65, X70	
P/S420N-S500NL	EStE490	1.8919
P/S420N-S500NL	TStE500	1.8917
S500Q-S620Q (S500QL-S620QL)		
P500Q-P620Q (P500QL-P620QL)		

Typical chemical composition %

C	Si	Mn	Ni	Mo
0,08	0,70	1,20	1,10	0,30

Typical mechanical properties

Yield strength Re [N/mm2]	>620
Tensile strength Rm [N/mm2]	700-890
Elongation A5 [%]	>18
Impact energy Kv [J]	>47J (-60°C) /
Wire/rod type	solid
Welding current	
Welding positions	
Shielding gases acc. to EN ISO 14175	M21 - Ar + 15 - 25% CO2 /

Welding parameters and packing

ø	Weight of packet [kg]
1,0	15,0

1,2	15,0

METALWELD-FIPROM POLSKA spółka z o.o.
ul. Mikołajczyka 57, 41-200 Sosnowiec
+48 (32) 297 75 50 - 51
+48 (32) 297 75 88
export@metalweld.pl