EZ - TIG AlMg4,5Mn

CLASSIFICATION

EN ISO 18723	AWS / ASME SFA-5.10	W. Nr.
S Al 5183 / AlMg4,5Mn0,7(A)	ER5183	3.3548

DESCRIPTION AND APPROVALS

Aluminum solid rod for tungsten inert gas welding alloyed with approx. 4,8% Mg and 0,7% Mn. It is suitable for welding Al-Mg-Mn and Al-Mg alloys. High strength weld metal and good impact properties enable it's wide range of application in welding of aluminum structures.
Weld metal has an good corrosion in marine atmosphere.

MECHANICAL PROPERTIES OF THE ALL-WELD METAL

$R_{p0,2}$ N/mm²	R_m N/mm²	A_5 %
140	280	> 24

APPROXIMATE CHEMICAL COMPOSITION OF THE ROD

	Al	Mg	Mn	Si	Fe
%	bal.	4,8	0,7	0,1	0,2

SHIELDING GAS

I1 (Ar)

PACKAGING

Rod diameter mm	Rod length mm	Weight of packaging kg
1,2; 1,6; 2,0; 2,4; 3,2; 4,0	1000	5

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Marking: **3.3548 / 5183**