

FILALU AL Mg 5

SARMA PLINA DE ALUMINIU / ALUMINIUM SOLID WIRE



CLASIFICARE / STANDARDS

AWS A5.10-92: ER 5356
EN ISO 18273-A: S Al 5356

AUTORIZARI / APPROVALS

DB: 61.116.05

CARACTERISTICI PRINCIPALE

Sarma plina pentru sudarea MIG a aluminiului si a aliajelor de aluminiu cu un continut de mangan pana la 5%. Destinata sudarii aliajelor de aluminiu comerciale, de asemenea constructiilor metalice.

Caracterizata prin proprietati mecanice bune si rezistenta inalta la coroziune si coroziune marina.

MAIN FEATURES

Solid wire for MIG welding of aluminium and aluminium alloys with manganese content up to 5%. Suitable for welding of all commercial aluminium alloys, also in structural works. Good mechanical properties and high resistance to corrosion as well marine corrosion.

DOMENII DE APLICATIE

Constructii, feroviare si civile;
Productia de automobile si aparate electrocasnice.

MAIN APPLICATIONS

Metal working industry;
Car, bus production and electro-domestic appliances.

POZITII DE SUDARE / WELDING POSITIONS



1G PA 2F PB 2G PC 3G PF 3G PG 4G PE 5G PF 5G PG AWS EN

CURRENT / CURRENT: DC+

GAZ / GAS: Ar (I1) EN 439

ANALIZA CHIMICA A SARMEI % / WIRE CHEMICAL ANALYSIS %

Al	Mn	Si	Mg	Fe	Cu	Cr	Zn	Ti	
≥ 93	0.05 - 0.20	≤ 0.25	4.50 - 5.60	≤ 0.40	≤ 0.10	0.05 - 0.20	≤ 0.10	0.06 - 0.20	

CARACTERISTICI MECANICE / MECHANICAL PROPERTIES

GAZ	Tratament termic/Heat treatment	Rm N/mm ²	Rp 0.2 N/mm ²	E % 5d		
Ar (I1)	Stare sudată/As welded	≥ 240	≥ 110	≥ 17		

AMBALARE STANDARD / STANDARD PACKING

Ambalare / Packaging	Greutate / Weight	Diametru mm / Diameter mm					
		0.8	1.0	1.2	1.6		
BS 300	7 kg	W000283232	W000283235	W000283238	W000283241		
S 200	2 kg		W000283233	W000283236			

Datele mentionate pot fi modificate fara o notificare prealabila. / The above data may change without prior notice.