

FILALU AL Si 5

SARMA PLINA DE ALUMINIU / ALUMINIUM SOLID WIRE

CLASIFICARE / STANDARDS

AWS A5.10-92: ER 4043
BS 2901 Pt 4: 4043 A
EN ISO 18273-A: S Al 4043

AUTORIZARI / APPROVALS

DB: 61.116.02

CARACTERISTICI PRINCIPALE

Sarma plina pentru sudarea aluminiului si a aliajelor de aluminiu cu un continut de siliciu pana la 7%. Destinata sudarii aliajelor de Al - Mg - Si serie 6000 si imbinari eterogene ca 6000/1000 si 6000/3000. Continutul inalt de siliciu imbunatateste fluiditatea materialului depus.

MAIN FEATURES

Solid wire for welding of aluminium and aluminium alloys with a silicon content up to 7%. Suitable for Al - Mg - Si alloys serie 6000 and for mixed welding like 6000/1000 and 6000/3000. The high silicon content improves the low characteristics.

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	Ti	Zn		
≥ 93	≤ 0.05	4.50 - 6.00	≤ 0.05	≤ 0.80	≤ 0.30	≤ 0.20	≤ 0.10		

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	≥ 120	≥ 40	≥ 8		

AMBALARE STANDARD / STANDARD PACKING

Ambalare / Packaging	Greutate / Weight	Diametru mm / Diameter mm					
		1.0	1.2	1.6			
BS 300	7 kg	W000283186	W000283187	W000283188			

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