

CLASIFICARE / STANDARDS

AWS A5.10: ER 4043 EN ISO 18273-A: SG Al 4043 (Al Si5) BS 2901 Pt4: 4043A	AUTORIZARI / APPROVALS DB: 61.116.03
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CARACTERISTICI PRINCIPALE

Baghete Tig pentru sudarea aluminiului si aliajelor de aluminiu cu continut de siliciu pana la 7%. Recomandate pentru aliaje tip Al/Mg/Si serie 6000 si pentru imbinari eterogene intre 6000/1000 si 6000/3000. Inaltul continut de siliciu imbunatateste caracteristicile mecanice.

MAIN FEATURES

TIG rod 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

Prelucrarea metalelor.
Autovehicule, productia de autobuze si aplicatii electrice.

MAIN APPLICATIONS

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

POZITII DE SUDARE / WELDING POSITIONS


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

CURRENT / CURRENT: AC

GAZ / GAS: Ar (I1) EN 439

ANALIZA CHIMICA A BAGHETEI % / ROD CHEMICAL ANALYSIS %

Al	Si	Fe	Mn	Mg	Zn	Ti			
≥ 93	4.50 - 5.50	≤ 0.40	≤ 0.05	≤ 0.05	≤ 0.10	≤ 0.15			

CARACTERISTICI MECANICE / MECHANICAL PROPERTIES

GAZ	Tratament termic/Heat treatment	Rm N/mm ²	Rp 0.2 N/mm ²	E % 5d		
Ar	Stare sudată/As welded	≥ 120	≥ 40	≥ 8		

AMBALARE STANDARD / STANDARD PACKING

Ambalare / Packaging	Greutate / Weight	Diametru mm x lungime mm / Diameter mm x length mm					
		2.0 x 1000	2.4 x 1000	3.2 x 1000			
Tub/Tube	5 kg	W000283563	W000283564	W000283565			

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