

Alurod AISi5 is a TIG rod for the welding of aluminium and aluminium alloys with a silicon content up to 7%. Suitable for Al-Mg-Si alloys series 6000 and for dissimilar welding applications such as 6000/1000 or 6000/3000.

Classification

AWS A5.10: ER 4043

Approvals

Grades

Analysis of all-weld metal (Typical values in %)

C	Mn	Si	P	S	Cr	Zn	Ti	Mg	Fe	Cu	Al
-	0.04	5	-	-	-	-	0.10	-	0.40	0.30	Rem

All-weld metal Mechanical Properties

Heat Treatment	Yield Strength N/mm ²	Tensile Strength N/mm ²	Elongation A5 (%)	Impact Energy ISO - V (J)	Hardness
As Welded	≥ 40	≥ 120	≥ 8	-	-

Gas test: Acc. To EN 439: I1(Arcal1)

Shielding Gas: Acc. To EN 439: I1(Arcal1)

Materials

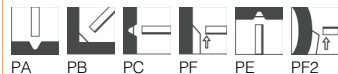
Al-Mg-Si and Al-Mg alloys with 2.5% Mg max. Al-Mn-Cu - AlSi cast

Storage

Keep dry and avoid condensation

Current condition and welding position

AC



Packaging data: Box 5 kg

Diameters (L: 1000 mm)	2,0	2,4	3,2	4,0		
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Further forms of delivery on request.