



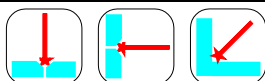
AI 99.7

AWS A 5.1: ER 1070 ISO 18273: S-AI 1070

DESCRIPTION

For welding of mostly pure aluminium in chemistry, electronics, construction and food industries.

WELDING POSITIONS



CURRENT

DC (+) Mig
AC Tig

GAS

Ar(11)

MECHANICAL PROPERTIES

<i>R_m</i> (Mpa)	<i>R_{p 0,2}</i> (Mpa)	<i>A5</i> (%)	<i>Hardness</i>
100	70	30	

WELD METAL COMPOSITION(%)

Mg	Mn	Fe	Al	Si	Ti		
0,05	0,05	0.40	rest	0,25	0,05		

PACKAGING & WELDING PARAMETERS

Mig(mm)	1,0	1,2	1,6	
Kg/spool	7	7	7	
Tig(mm)	1,6x1000	2,0x1000	2,4x1000	3,2x1000
	4,0x1000			
Kg/box	2,5	2,5	2,5	2,5