

**DATA SHEET N. 3052**

## DAIKO 308LSi

### MIG WIRE

Description / Alloy type: Solid wire 308L austenitic stainless steels for 304L base materials.

Specifications: **AWS A5.9** **EN ISO 14343-A** **EN ISO 14343-B**  
ER308LSi G 19 9 L Si SS308L Si

Applications: These consumables are used to weld 18/8 stainless steels.  
Mainly applications include food industries, pharmaceutical equipment and general fabrication.  
Typical service temperatures are -100°C to 400°C.

Composition:  
(weight %)

%	C	Mn	Si	S	P	Cr	Ni	Mo	Cu	FN
<b>Min</b>	-	1.0	0.65	-	-	19.5	9	2.0	-	3
<b>Max</b>	0.025	2.0	1.00	0.020	0.030	21.0	11	3.0	0.3	12
<b>Typ</b>	0.010	1.7	0.80	0.010	0.015	20	10	2.6	0.15	10

Typical parameters:

	<b>MIG</b>
Shielding	Ar + 2%O <sub>2</sub>
Current	DC+
Diameter	1.2 mm
Parameters	260A, 26V

All-weld proprieties:

As welded	Typ. <b>MIG</b>
Tensile strength [MPa]	570
Yield strength [MPa]	435
Elongation on 5d [%]	40
Impact Energy -130°C [J]	70

Complementary products: TIG rod and SAW wire (AWS A5.9 ER308L)  
SMAW electrodes (AWS A5.4 E308L-17 / E308L-16 / E308L-15)  
FCAW wire (AWS A5.22 E309LMoT0-1/4 / E309LMoT1-1/4)