

# TL 308L

**International Standards:**

AWS SFA 5.4:	E 308L-16
JIS Z 3221	: D 308L-16
DIN 8556	: E 19 9 L R 26
EN 1600	: E 19 9 L R 12

**Applications and Properties :**

TL 308L is a lime titania type electrode which has excellent usability and weldability. As its weld metal has extra low carbon austenitic structure, its intergranular corrosion resistibility is especially good than 308 type electrodes.

**Aplikasi dan Penggunaan :**

TL 308L adalah kawat las type lime-titania yang memiliki karakteristik pengelasan yang sangat baik. Hasil lasnya memiliki kandungan karbon yang rendah dgn struktur austenite. Ketahanannya terhadap korosi intergranular lebih baik dibandingkan dengan type 308.

**Typical Chemical Analysis of Deposited Metal (%) :**

C	Mn	Si	Cr	Ni	P	S
0,03	1,30	0,35	19,38	10,05	0,014	0,008

**Typical Mechanical Properties of Deposited Metal :**

Yield Strength (N/mm <sup>2</sup> )	Tensile Strength (N/mm <sup>2</sup> )	Elongation (%)	Impact Value (Joule)
-	570	45	-

**Size & Recommended Current Range (DC or AC) :**

Size (mm)	2,0 x 300	2,6 x 300	3,2 x 350	4,0 x 350
Amperages (Amp)	30 - 55	50 - 85	80 - 120	100 - 150
Weight / pack (kgs)	4	4,5	5	5
Weight / carton (kgs)	16	18	20	20

**Welding Positions :**

**Attention!**  
Redrying: 200°C/2h



**SYMBOL OF QUALITY**

**Manufactured by:**

**PT. Lion Superior Electrodes**

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