

Data sheet and application

DIM L-1.4337[®]

Material no.: 1.4337

DIN 8556:

SG X 10 CrNi 30 9

EN ISO 14343-A:

W/G 29 9

EN 12072:

G 29 9 / W 29 9

AWS/ASME SFA-5.9:

~ER 312

Characteristics

DIM L-1.4337 is suitable for joining and surfacing on heat-resistant, ferritic-austenitic Cr-Ni steels, especially also for welding welds of different alloy steels.

Welds on corrosion-resistant steel or cast steel, e.g. 1.4762 (X 10 CrAl 24).

Black and white connections. Rust-free, wear-resistant applications.

Tough, homogeneous weld metal.

DIM L-1.4337 is tear-resistant, wear-resistant, corrosion-resistant, cold- and heat-strengthening, scale-resistant up to 1150 °C.

DIM L-1.4337 is a welding additive with very high mechanical quality values and can be processed very smoothly.

Chemical composition

C	Si	Mn	Cr	Ni	Rest
0,1	0,4	1,6	30,0	9,0	Fe

Certificate of batch upon request.

Mechanical properties of pure weld metal

Yield strength Rp0.2 MPa	Tensile strength Rm MPa	Elongation A (L0=5d0) %	Impact energy KV J
650	750	30	30

Processing instructions

Welding argon 100 %, mixed gases M11, M12

