

SAWELD CrMo1

Submerged arc welding wires [SAW]

Creep resistant steels

CLASSIFICATION: EN ISO 24598-A : S CrMo1 AWS A-5.23 : EB2R W.Nr. : 1.7346	APPROVALS:	APPLICATION: Power generation industry
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- Submerged arc welding wire for 1.25% Cr and 0.5% Mo steel.
- Weld working temperature up to 550°C.
- Low Bruscato ratio: approximately X13 ppm.

Application

For welding creep-resistant steels, such as: steam boilers, pipelines and fittings, working under pressure and at elevated temperatures, and for repairing thermal energy devices. Also used in the petrochemical industry.

Typical chemical composition %

C	Si	Mn	Cr	Mo
0,10	0,15	0,95	1,20	0,50

Typical mechanical properties

Yield strength Re [N/mm²]	>470
Tensile strength Rm [N/mm²]	>550
Elongation A5 [%]	>20
Wire/rod type	submerged arc welding

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