

SAWELD CrMo2

Submerged arc welding wires [SAW]

Creep resistant steels

CLASSIFICATION: EN ISO 24598-A : S CrMo2 AWS A-5.23 : EB3R	APPROVALS:	APPLICATION: Power generation industry
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- Submerged arc welding wire for 2.25% Cr and 1.0% Mo steel.
- Weld working temperature up to 600°C.
- Low Bruscato ratio: X<10ppm.

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 equipment. Also used in the petrochemical industry.

Typical chemical composition %

C	Si	Mn	Cr	Mo
0,11	0,2015	0,55	2,60	1,00

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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