

SAWELD 2Mo

Submerged arc welding wires [SAW]

Creep resistant steels

CLASSIFICATION: EN ISO 14171-A : S2Mo AWS A-5.23 : EA2 W.Nr. : 1.5425	APPROVALS:	APPLICATION: Power generation industry
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- Submerged arc welding wire for steel 0.5% Mo.
- Weld working temperature up to 500°C.

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

Typical chemical composition %

C	Si	Mn	Mo
0,10	0,15	1,05	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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